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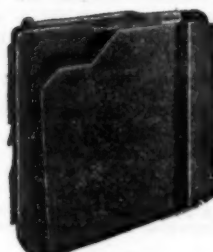
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PERSONAL ITEMS.

GUILLERMO FERREYLOS is the Minister of War in Peru's new cabinet.

GENERAL J. J. DANA, U. S. A., retired, reached his 68th birthday on Tuesday, April 9.

LIEUTENANT H. H. WRIGHT, 9th U. S. Cav., has left Fort Robinson, Neb., on a month's leave.

LIEUTENANT S. W. MILLER, 5th U. S. Infantry, has left Fort Ringgold, Tex., for the North on a month's leave.

GENERAL ABNER DOUBLEDAY, U. S. A., was a guest at the Albemarle Hotel, New York City, early in the week.

GENERAL C. H. TOMPKINS, U. S. A., rejoined at Governor's Island early in the week from a short trip South.

LIEUTENANT L. A. CHAMBERLIN, 1st U. S. Art., returned to Fort Monroe, Va., on Wednesday, from a short leave.

CAPTAIN CLAYTON HALE, 16th U. S. Inf., is East from Fort Douglas, Utah, to remain for seven or eight weeks.

COLONEL CHARLES SUTHERLAND, U. S. Army, left Governor's Island, N. Y., this week on a trip South as far as Atlanta.

LIEUTENANT J. J. CRITTENDEN, 23d U. S. Infantry, has rejoined at Fort Totten from a visit to Fort Pembina, Dakota.

CAPTAIN C. S. BLACK, Assistant Surgeon, U. S. A., expects to leave Fort Sidney, Neb., in a few days to spend the summer on leave.

CAPTAIN T. G. TROXEL, 17th U. S. Inf., of Ft. D. A. Russell, Wyo., was expected in Omaha this week to be examined for retirement.

LIEUTENANT M. D. PARKER, 9th U. S. Cav., of Fort Washakie, Wyo., was expected in Omaha this week for examination for retirement.

CAPTAIN EDMUND L. ZALINSKI, 5th U. S. Artillery, hopes to have his affairs in shape to enable him to sail for Europe on Wednesday next.

COLONEL H. M. BLACK, 23d U. S. Inf., lately at Washington on Court-martial duty resumed command at Fort Wayne, Mich., this week.

MAJOR H. C. HASBROUCK, 4th U. S. Art., is expected to be able to resume duty on the Tactical Board at Fort Leavenworth next week.

LIEUTENANT S. F. MASSEY, 5th U. S. Artillery, who is in Europe on leave, is improving in health. He will, it is expected, return home in May.

CHAPLAIN J. H. MACOMBER, U. S. A., has organized the religious forces at Fort Sherman, Idaho, in a society called the Knights of the Cross.

COLONEL C. S. STEWART, U. S. Army, residing at Cooperstown, N. Y., quietly celebrated his 66th birthday on Thursday of this week, April 11.

MAJOR-GENERAL O. O. HOWARD, U. S. A., and Lieut. E. St. J. Greble, A. D. C., visited friends in Cincinnati, Little Rock, and Newport, Ky., this week.

CAPTAIN A. H. APPEL, Assistant Surgeon, U. S. Army, after a three years' tour at Fort Sheridan, near Chicago, will shortly go to Fort D. A. Russell, Wyo., for duty.

LIEUTENANT R. W. YOUNG, 5th U. S. Artillery, left the service by resignation this week, April 12, and resides in Salt Lake City, where he is already established in business.

LIEUTENANT S. R. JONES, Q. M., 4th U. S. Artillery, rejoined at Fort Adams, R. I., early in the week, from a pleasant trip to New York City and Governor's Island.

LIEUTENANT J. H. PHILBRICK, 11th U. S. Inf., on leave for some time past, at Waterville, Me., is expected to rejoin at Madison Barracks, Sackett's Harbor, towards the end of April.

CAPTAIN S. E. BLUNT, U. S. A., returned to Washington early in the week, from a trip to New York City, to confer as to the arrangements for the approaching Centennial celebration.

CAPTAIN G. A. GOODALE, 23d U. S. Infantry, on leave, from Fort Mackinac, and lately visiting at Colorado Springs, Colo., was expected to visit friends in New York City this week.

MAJOR J. R. GIBSON, surgeon, after a tour of two years and a half at Fort Lyon, Colo., will shortly assume charge of medical matters at that pleasant and new post Fort Sheridan, Illinois.

COLONEL ALEXANDER PIPER, 5th U. S. Art., who completed duty on the Lydecker Court-martial last week will rejoin at Fort Hamilton, N. Y. H., in a few days and resume command of the post.

CAPTAIN A. H. BAINBRIDGE of Fort Townsend, Captain G. S. Carpenter of Fort Klamath, and Lieutenant J. S. Winn of Fort Walla Walla, are recent visitors to Vancouver Barracks, on Court-martial service.

CAPTAIN GEORGE H. TORNEY, assistant surgeon, U. S. A., after a pleasant four years' tour of duty at Fort Monroe, Va., will leave there in a few days to take charge of the medical department at Fort Brown, Texas.

CAPTAIN W. M. WHERRY and his Company I, 6th U. S. Infantry, will start in a few days from Fort Leavenworth to take post at Newport Barracks, Ky., relieving Captain J. L. Tiernon's battery of the 3d U. S. Artillery, which will go to the Artillery School, Fort Monroe.

GENERAL B. F. FISHER, who rendered such efficient service in the Signal Corps of the Army during the war, gave on Tuesday evening, in Philadelphia, reminiscences of his life in Libby Prison and incidents of his escape, for the benefit of the Pennsylvania College at Gettysburg.

LIEUTENANT H. D. HUMPHREY, 20th U. S. Infantry, is a recent guest at the Ryan, St. Paul.

GENERAL A. V. KAUTZ, U. S. A., and Mrs. Kautz are recent guests at the Paxton, Omaha.

COLONEL W. F. DRUM, U. S. A., was expected to leave St. Paul this week on a month's leave.

ADJUTANT O. F. LONG, 5th U. S. Inf., has rejoined at Fort Bliss, Texas, for a fortnight's leave.

LIEUTENANT G. W. GATCHELL, 4th U. S. Artillery, left Fort Adams early in the week on a seven days' leave.

CAPTAIN WILLIAM STANTON, 6th U. S. Cavalry, was to leave Fort Wingate this week on a month's leave.

MRS. SIMPSON, wife of Capt. J. F. Simpson, U. S. Army, of Omaha, has been quite ill but is now improving.

LIEUTENANT GEO. B. DUNCAN, on leave from Whipple Barracks, Ariz., has been visiting friends at Lexington, Ky.

LIEUTENANT H. C. HASBROUCK, Jr., 14th U. S. Infantry, for some time past on sick leave, has rejoined at Fort Leavenworth.

CAPTAIN CLARENCE EWEN, Assistant Surgeon, U. S. A., left Sackett's Harbor, N. Y., early in the week on a short vacation.

LIEUTENANT E. F. TAGGART, 6th U. S. Infantry, of the torpedo class at Willet's Point, expected to leave there this week on a short leave.

R. W. SHUFFELDT, M. D., contributes to the Popular Science Monthly an article on "Zoological Gardens, their Uses and Management."

The engagement of Miss Daisy Stuart, granddaughter of the late Gen. David Hunter, U. S. A., and Mr. Liebig, of Colorado, is announced.

Among recent engagements is that of Lieut. A. B. Foster, 19th U. S. Infantry, of Fort Clark, Texas, to Miss Lily M. Armour, of Washington, D. C.

MAJOR E. W. WHITTEMORE, 10th U. S. Infantry, lately visiting relatives at Watervliet Arsenal, West Troy, will shortly join at Fort Union, N. M.

MRS. ANDERSON, widow of Gen. Robert Anderson, U. S. A., escorted by Gen. Schenck, had a pleasant interview with President Harrison this week.

MAJOR HENRY McELDERREY, Surgeon, U. S. A., was expected to rejoin at Fort Wayne, Mich., on Wednesday from a visit to Baltimore to attend the funeral of his sister.

GENERAL L. BURNETT delivered before the Ohio Society of New York on Monday evening an interesting lecture, his subject being the defenceless condition of our sea coasts.

CAPTAIN F. U. ROBINSON, 2d U. S. Cavalry, whose troop was ordered recently from Fort Spokane to Fort Walla Walla, will spend the summer and part of the autumn on leave.

COLONEL J. E. BLOOM, formerly an officer of the 4th U. S. Artillery, and a graduate of West Point, has been appointed inspector of rifle practice of the 13th Regiment, N. G. S. N. Y.

CAPTAIN PAUL R. BROWN, assistant surgeon, U. S. A., of Fort D. A. Russell, who has not been in good health for some time past, will shortly appear for examination before the Retiring Board at Omaha.

GENERAL A. McD. MCCOOK, U. S. A., was to start from Fort Leavenworth this week on a month's leave. During his absence the post will be commanded by Major Jacob Kline, 24th U. S. Infantry.

CAPTAIN S. Q. ROBINSON, assistant surgeon, U. S. A., who has been stationed at Fort Brown, Texas, since the summer of 1886, will shortly come to Fort Hamilton, N. Y. H., for a tour of duty in the north.

An effort is being made to bring about the removal of the remains of Gen. Henry Lee, Light-horse Harry of the Revolution, from their resting-place in Georgia to Christ Churchyard, in Alexandria.

CAPTAIN EDWARD FIELD and Lieutenant Harry R. Anderson, 4th U. S. Artillery, of Fort Adams, R. I., visited Portland, Me., this week, and were handsomely received by their militia friends there assembled.

LIEUTENANT A. D. SCHENCK, 2d U. S. Artillery, left Fort Wadsworth, N. Y. H., for New Orleans April 6, accompanied by his daughter, Miss Marie. The latter will visit her friend and old schoolmate, Miss Kittredge.

LIEUTENANT H. A. REED, U. S. A., of West Point, has on exhibition at the Academy of Fine Arts, Philadelphia, his process of applying photography to surveying. He shows in his exhibit a map made by this method, in forty hours, of an area of thirty-seven square miles.

UNDER recent orders Captain F. U. Robinson and Lieutenant J. T. Nance, 2d U. S. Cavalry, with Troop H, change base from Fort Spokane to Fort Walla Walla, and Captain S. M. Swigert and Lieut. A. M. Fuller, same regiment from Fort Walla Walla to Vancouver Barracks.

We are indebted to Mr. R. R. F. Foulk, of Foulk, Son and Co., of Pittsburgh, for an invitation to a free dress reception to be given by Davis Camp, Sons of Veterans, at Allegheny City on April 30, that eventful day in the history of our country. The list of chaperons is headed by Mrs. Foulk, widow of Col. Foulk.

MAJOR W. L. HASKIN, 1st U. S. Artillery, lately at San Diego, Cal., looking into the matter of harbor fortifications, is quoted as saying: "The harbor of San Diego should be adequately and properly fortified. The only thing in the line of a fortification in the harbor at present is an unfinished battery at Ballast Point. I find that on the reservation adjoining La Playa point there is a beautiful location for a station, as fine as I ever saw. Heretofore the great drawback against the location of a station on the point has been the inadequate water supply, but now that can be easily remedied."

LIEUTENANT J. E. SAWYER, 5th U. S. Art., and family are at Potsdam, Germany.

The new Quartermaster-General of India is to be Colonel Sir James Browne, R. E.

GENERAL A. W. GREELY, U. S. A., registered at the Victoria Hotel, New York City, on Monday.

GENERAL CHAUNCEY MCKEEVER, U. S. Army, of Washington, visited friends in New York City this week.

GENERAL ABNER DOUBLEDAY, U. S. A., registered at the Albemarle Hotel, New York City, early in the week.

CAPTAIN G. W. CHARR, 5th U. S. Artillery, left Fort Hamilton, N. Y. H., on Tuesday, to be absent about a fortnight.

COLONEL G. H. MENDELL and Major J. C. Post, Corps of Engineers, U. S. A., sailed for Liverpool on Wednesday on the steamer City of Berlin.

LIEUTENANT-COLONEL F. H. PARKER, Ordnance Department, U. S. A., after a short but pleasant tour at San Antonio, will shortly return to Watertown, Mass.

CAPTAIN JAMES ALLEN, 3d U. S. Cav., of Washington, D. C., visited Columbus Barracks, Ohio, this week as a witness in a Court-martial case there pending.

CAPTAIN JOHN CARLAND, 6th U. S. Inf., a recent addition to Fort Lewis, Col., will shortly relinquish duty to spend the summer on leave for the benefit of his health.

LIEUTENANT R. B. TURNER, 6th U. S. Infantry, has joined at Fort Leavenworth for duty with Captain Wherry's company and will shortly leave for Newport Barracks, Ky.

LIEUTENANT CHAS. H. CLARK, Ordnance Department, after a pleasant tour at Springfield, Mass., will shortly leave for Vancouver Barracks for duty on the staff of General Gibbon.

The retirement of Captain J. A. Sladen, 14th U. S. Inf., April 8, promotes 1st Lieut. Patrick Haddon to a captaincy, and 2d Lieut. W. P. Goodwin to first lieutenant—promotions well deserved by length of service.

LIEUTENANT EATON A. EDWARDS, 25th U. S. Inf., after a most successful tour at Knox College, Galesburg, Ill., will close his labors there the coming summer, and then rejoin his company at Fort Shaw, Montana.

The Union Veterans' Association of Maryland held their annual reunion April 9 at the Carrollton, Baltimore. Among the guests were Commodore W. S. Schley, Secretary Noble, Corporal Tanner, Gen. Gregg, etc.

The despatch from Muncie, Ind., reporting the death of H. F. Bateman, late Lieutenant 10th U. S. Inf., which we published last week, is contradicted, the body found being that of another man, although papers belonging to Bateman were found upon it.

The Youngstown News, under the head of Fort Niagara, says: "Capt. Pollock and 1st Lieut. Dyer, 23d Inf., are here on Court-martial duty. Major Page visited Buffalo Thursday. Miss Sophie Page is home on a visit. The garrison was thoroughly inspected March 31 by Major Page and found in splendid condition. Comy. Sergt. Eagan is the happy father of a bouncing baby boy."

CAPTAIN R. F. BATES, 18th U. S. Infantry, relinquished duty on the staff of Gen. Ruger at St. Paul April 1 to join his company at Denver, Col., and the General in relieving him expressed in orders his "commendation and thanks for the very faithful and efficient performance of duty by Capt. Bates for nearly three years past as aide-de-camp, and also as inspector of small arms practice during the greater part of the same time." The Pioneer Press, referring to the matter, says: "This is a well merited compliment to a faithful and deserving officer, and one who leaves the department widely regretted and esteemed by a host of friends in civil as well as in military life."

MAJOR J. P. SANGER, Inspector General U. S. A., before leaving San Francisco, was given a farewell dinner, April 1, at the regimental mess of the 1st U. S. Art., at the Presidio, by his old comrades. The Report says: "The occasion was in many respects notable. Colonel L. L. Langdon, the new regimental commander, presided over a social gathering of the regimental officers for the first time. He is one of the oldest members of the First mess, and the position of presiding officer was therefore easily as well as gracefully filled. The room was decorated with exquisite taste, and when the fifty officers, in full uniform, gathered about the festive board the scene was brilliant and inspiring. Toasts, reminiscences and music followed the dinner, and the exchange of good-fellowship proved a perfect success. The promotion of Major Sanger affords great pleasure to the First, for the reason that he represents a happy combination of popularity and ability."

THE Williston Beacon, referring to the recent death of Mrs. Farrell, wife of Post Q. M. Sergeant W. H. Farrell, of Fort Buford, says:

Rarely, indeed, are the sympathies of a community so aroused. A little over two months ago the household could have been pointed out as a picture of perfect happiness; father, mother, and four little children. Three of the little babes dropped, one by one, victims to that fell disease, diphtheria. Mrs. Farrell, worn out by watching, was taken ill, and on Thursday last her spirit fled, leaving her husband and child to mourn her loss.

OF Lieut. John M. Baldwin, 5th U. S. Art., who resigned from the Army in March, 1884, the New Orleans Times-Democrat says:

After resignation he applied himself to the study of law, in which he had previously made considerable progress by careful study. Admitted to the bar, he entered upon the practice with the same zeal, energy and intelligence which he had displayed while a cadet and officer in the Army. He soon entered upon a good business, and by his close attention to the same and his pleasant manners and felicitous address secured a position at the bar which entitled him to rank in the front line of the large accessions to the bar during the last ten or twelve years. His success and prosperity in his new profession are quite as well secured as in his first avocation.

MAJOR D. S. GORDON, 2d U. S. Cav., and Mrs. Gordon are recent guests at the Sea Beach Hotel, Santa Cruz, Cal.

CAPTAIN J. W. PULLMAN, Assistant Quartermaster, U. S. Army, on leave since December last and now visiting at Meadville, Pa., is expected to return to Santa Fe towards the end of April.

CAPTAIN F. B. JONES, U. S. A., who is in Washington attending to the settlement of his accounts, will soon go to Ft. Snelling to look after the construction of certain new buildings at that post.

SEVEN of the eight members of the Corps of Judge Advocates were in Washington last week, including Lieut.-Col. Winthrop, who, it is rumored, hopes to secure an assignment to duty at West Point when the rearrangement is made.

A DESPATCH from Harrisburg, Pa., April 9, says: "Gov. Beaver has received a letter from Major Ames. It contains a most abject apology, and begs him to interfere to prevent the Court-martial. Ames says that rather than submit to the disgrace of being Court-martialed he will commit suicide."

THE death of Colonel Edward Hatch, 9th U. S. Cav., promotes Lieut.-Col. J. G. Tilford, 7th, to Colonel 9th; Major C. H. Carlton, 3d, to Lieutenant-Colonel 7th; Captain L. T. Morris, 8th, to Major 3d; 1st Lieut. S. W. Fountain, 8th, to Captain, and Second Lieutenant A. G. Hammond, 8th, to 1st Lieutenant.

MAJOR PETER D. VROOM, Inspector General, has assumed duty at the Headquarters, Department of the Platte, Omaha, in succession to Lieutenant Col. R. H. Hall, who is soon due at Los Angeles, for duty on General Grierson's staff. Of Colonel Hall the Omaha Bee says: "Col. Hall is considered one of the most capable officers in the Army. He has succeeded admirably in his work in this department, and the effect of it will long be noted. He is an estimable, courteous gentleman, and readily finds friends."

CAPTAIN R. L. PHYTHIAN, U. S. N., registered at the Brevoort House, New York City, on Wednesday.

LIEUTENANT AND MRS. P. H. UBERROTH left Newport for their home in Toconoy, Pa., to enjoy the leave at that place.

MEDICAL DIRECTOR ALBERT L. GIBON, U. S. N., was in Washington during the early part of the week on official business.

LIEUTENANT-COMMANDER C. H. STOCKTON, U. S. N., was expected to arrive in San Francisco this week to take command of the *Thetis*.

LIEUTENANT E. D. BOSTICK, U. S. N., recently attached to the *Adams*, has arrived at his home in Washington, and is with his mother at 1829 G street, N. W.

CIVIL ENGINEER A. G. MENCAL, U. S. N., was a guest at a dinner given at Delmonico's on Monday evening in honor of Mr. L. B. Mizner, Minister to Central America.

SECRETARY TRACY, accompanied by Commodore Walker and Lieut. Mason, arrived at the Navy Department on Tuesday from their inspection tour of the League Island and New York Navy yards.

PASSSED ASSISTANT PAYMASTER A. K. MICHLER, of the Navy, recently detached from the *Tallapoosa*, South Atlantic Station, arrived in Washington on April 9. The remaining officers of the *Tallapoosa* who were detached are en route home in the *Kearsarge*, but Paymaster Michler elected to return to the United States in a mail steamer at his own expense, rather than suffer the discomfort attendant upon a passage in an already overcrowded man-of-war.

THE naval officers who were sent out by the Navy Department last October to determine meridian of longitude by telegraph in Mexico and Central America, have about completed their work. Their work, to a certain extent, has been hampered by bad weather, but Lieut. John A. Norris, in charge of the expedition, expected to establish the longitude of San Juan del Sur before returning. If no mishap occurs the party expect to arrive in New York about the first week in May.

LIEUTENANT C. A. BRADBURY, U. S. N., recently ordered to the *Yorktown*, was the recipient of a banquet on Saturday evening last at Welckers in Washington. It was tendered him by the members of the Columbia Athletic Club, of which organization Lieut. Bradbury is president. He has been a most indefatigable worker in behalf of the club and its present high position in athletic circles is largely due to his efforts. During the evening he was presented with a handsome pair of binocular glasses.

THERE is a vacancy in the position of computer in the Nautical Almanac Office which will be filled by competitive examination under the Civil Service rules on April 23. The examination will be held simultaneously at Washington, Detroit, Chicago, Boston and New York. The salary attached to this office is \$1,000 per annum. Applicants will be required to have a knowledge of the theory and use of logarithms, plane and spherical trigonometry, analytical geometry, differential and integral calculus and plane and spherical astronomy, together with some acquaintance with the contents of the Nautical Almanac. Each applicant will have to furnish a table of logarithms and an ephemeris for use in the examination.

THE *National Tribune*, referring to the late Commander C. M. Schoonmaker, U. S. N., says:

He was in the Annapolis class of '54, and is described as not by any means a handsome blue-coated ideal ball room darling of the Navy, but a little fellow, not even good looking, of a mild and sunny temperament, and a voice like a woman's, when on parade, but tones of an iron ring in moments of danger, and his last command was certainly heard above the shriek of the tempest, if not, through inability, obeyed. When he first entered Annapolis he was accounted almost a coward, on account of his mildness, but underneath all this there was a will as unyielding as his calm, kindly eye. He left Annapolis with one motto, and only one, engraved on his heart, the motto by which every Yankee navy swears: "Don't give up the ship." He was adored by his officers in office, and respected by his superiors, and he died as they all believed he would, at his post of duty.

Mrs. JUDD, wife of Lieut. Charles H. Judd, U. S. Navy, who has been visiting friends at 1101 13th street, N. W., Washington, D. C., since March 1, will return to her home in Buffalo, N. Y., about the 1st of May.

DR. MANLEY GATEL, a graduate of the Medical-Chirurgical Hospital of Philadelphia, and lately commissioned as an assistant surgeon in the Navy, has been ordered for duty at the League Island Navy-yard.

An elaborate dinner party was given on Tuesday evening by Mr. and Mrs. D. Willis James, New York City, in honor of ex-Secretary and Mrs. William C. Whitney. Ex-President and Mrs. Cleveland were among the guests.

THE wedding of P. A. Paymr. James A. Ring, U. S. N., and Miss Loomis, a belle of Brooklyn, N. Y., will take place in that city on the evening of April 24. Paymr. Ring is at present attached to the receiving ship *Franklin* at Norfolk.

MR. THOMAS SHERMAN, for many years a clerk in the Navy Department, will shortly be appointed to the Consulship at Liverpool. This is one of the most lucrative offices under the Government, the salary attached being over \$18,000 per annum.

It is understood that Lieut. Comdr. W. H. Emory, of the Navy, recently detached from the *Thetis*, will be ordered to the American Legation at London as naval attaché, relieving Lieut. B. H. Buckingham. Lieut. Buckingham has been on shore since 1882, and he will shortly be detailed for sea duty aboard one of the new cruisers.

PAYMASTER W. W. BARRY, of the Navy, who has been in bad health for some years, has been ordered to appear before a Medical Board at the Boston Navy-yard, to determine as to his fitness to perform active duty at sea. His last sea duty was in 1884, and it is not unlikely that he will be ordered to appear before the Retiring Board.

Mrs. TRACY, wife of Secretary Tracy, of the Navy, arrived in Washington on Tuesday with her husband, and is at the Hotel Arno. Her daughter, Mrs. Wilmerding, who has been visiting friends, joined her on Wednesday, and during the week they have been busily engaged in hunting for a suitable house. They will return to Brooklyn to-day.

REFERRING to the recent promotion to commander of Lieut.-Comdr. R. Durand, U. S. N., the *Richmond (Va.) Times* says: "Commander Durand, while at City Point, by his open, frank and genial disposition, endeared himself to all with whom he came in contact. By his many friends in Virginia his promotion will be greeted with great pleasure." The same paper says: "Dr. E. H. Marsteller, who came to Richmond with the ironclads, and now goes to Samoa, is a Virginian and a gentleman, who, even during his short stay here, made many friends. So long as such gentlemen as Dr. Marsteller remain in the Navy, Virginia will maintain her wonted prestige."

SECRETARY OF THE NAVY B. F. TRACY visited the League Island Navy yard on April 6 on a tour of inspection. On April 7 he was tendered a reception at the Brooklyn, N. Y., Club, many prominent gentlemen being present. Secretary Tracy on April 8 inspected the Brooklyn Navy-yard, leaving there about two P. M. with Commodore Walker, the commandant of the station, and Lieutenant Mason, and drove to the Naval Hospital, where he was received by Medical Director A. L. Gibon and other officers, and escorted all over the building, which he had not visited since 1847. He left the hospital for his residence in Montague street, whence he took the train (3-40) for Washington.

A NAVAL General Court Martial for the trial of Lieut. Comdr. George M. Book, commanding the *Finta*, will meet at the Navy Yard, Washington, on Monday. As previously mentioned in the *JOURNAL* the charge will be absence from his command without orders. He came to Washington and his presence there was rather surprising to the officials, as no orders were sent to him to come East. He gave no explanation of his conduct until here lately, but his excuse was not considered sufficient by Secretary Tracy who whereupon ordered a court. The detail of the court is as follows: Rear Admiral David B. Harmony, Capt. J. S. Skerrett, Capt. O. F. Stanton, Capt. L. A. Beardslee, Capt. T. G. Selfridge, Capt. F. M. Bunce, Comdr. Philip H. Cooper, Comdr. Yates Stirling, Comdr. W. B. Hoff, Lieut. Perry Garst as judge advocate of the Court.

RECENT DEATHS.

REAR ADMIRAL THOMAS H. PATTERSON, U. S. N., retired, died, April 9, at his residence in Washington, D. C., from exhaustion consequent upon a long illness. He was born in New Orleans May, 1830, and joined the Navy as acting midshipman April 5, 1836; became midshipman in 1837, passed midshipman in 1842, master in 1848, and Lieutenant in 1849. Soon after the War broke out he was assigned to the command of the *Chocoma* in Hampton Roads, Va., and was present at the siege of Yorktown, opened the way up the Pamunkey River for Gen. McClellan's Army and co-operated with Gen. Stoneman's advance at White House, checking the approach of the Confederate force at that point. From June till October, 1862, he was senior officer of the naval forces in York and Pamunkey Rivers, operating in conjunction with the Army of the Potomac, and July 16 of that year he was commissioned commander. He was on blockade duty in the *James Adger*, off the Carolina coast, till 1865, and cut out the steamer *Kate* from under the Confederate batteries at New Inlet in July, 1863. He participated in the capture of a flying battery near Fort Fisher in August, 1863, and captured the *Cornubia* and *Robert E. Lee*, laden with arms and stores for the Confederate Army. He was promoted captain July 25, 1866, and commodore Nov. 2, 1871. He commanded the

Washington Navy-yard in 1876-77, and March 28 of the latter year was commissioned rear admiral, his last sea duty being to command the Asiatic Squadron in 1880. He was retired May 10, 1882. His sister is the wife of Admiral Porter. The deceased was a gallant officer and his death will be mourned by a large circle of friends.

The funeral took place on Thursday, and the interment was in the Congressional Cemetery. The pall bearers were Rear Admiral Almy, Rear Admiral Thomas H. Stevens, Gen. P. V. Hagner, U. S. Army; Capts. Norton and Wallace, U. S. N.; Gen. Maxwell Woodhull, Mr. E. J. Holl, and Mr. George H. B. White.

A DESPATCH from Fort Robinson, Neb., informs us that Brevet Major-General Edward Hatch, Colonel 9th U. S. Cavalry, died suddenly at that post early in the morning of April 11. He was thrown from his carriage a few weeks ago, and received injuries which resulted in his death. Gen. Hatch was born in Bangor, Me., Dec. 22, 1831, and when the war broke out joined the District of Columbia Volunteers. On Aug. 12, 1861, he was appointed captain of the 2d Iowa Cavalry. By June 13, 1862, he had risen to colonel, and had proved his valor and skill on many a field of battle. From February to April, 1863, he was forced to seek a rest on account of his wounds. On April 27, 1864, he was promoted brigadier-general of volunteers, commanded a division of cavalry, and was engaged at Florence, Lawrenceburg, Campbellville, Spring Hill, Franklin, Nashville, etc. He received the brevet of major-general of volunteers for his gallantry at Nashville, and was mustered out Jan. 15, 1866. He participated in Grierson's celebrated raid down to New Orleans, and fought in nearly every battle in the Southwest. He was at Shiloh, Corinth, Iuka, Franklin and Nashville, and was several times wounded, once very dangerously. At Nashville he commanded a cavalry division, and the important duty of turning Hood's left was intrusted to him. He discharged the task with consummate gallantry and address. He had always proved more than a match for Forrest and Chalmers. Indeed, his military career was a series of successes. On the reorganization of the Army he was appointed colonel 9th Cavalry July 28, 1866, and received the brevets of brigadier and major-general in the Regular Army for his gallantry at Franklin and Nashville. Since the war he has been emphatically a duty officer, and no braver or better soldier ever wore the uniform. The cavalry arm has lost an able representative, and the Army in general one of its bravest and most efficient officers.

GENERAL FRANCIS FREDERICK MILLEN, a well known journalist, who died in New York City April 10, had an eventful career. He was born in Ireland, and when 19 joined the British Army and served through the Crimean war. Then he came to America, went to Mexico, entered the army of that country as a lieutenant of artillery, obtained an appointment on the staff of Gen. Comonfort, one of the radical leaders, and fought under him and Juarez through the so-called church wars. During these wars he rose to the rank of colonel of artillery. During the Fenian excitement in 1866 he left the Mexican Army and went to Ireland, but on the collapse of the effort returned to Mexico, where he again entered the Army. He fought under Gen. Corona and others against the forces of Maximilian. When peace was established he came to New York, where he became the executive officer of the American Branch of the Fenian Brotherhood. In 1872 he joined the staff of the *New York Herald*. In 1879 he went to Guatemala and took up arms for President Barrios. About two years ago he visited Europe as the agent of a new explosive. The London press declared that he was engaged in promoting a dynamite conspiracy and caused him much trouble.

Mrs. ANNIE McELDERY DOW, wife of Capt. John W. Dow, of the U. S. Coast Survey, died suddenly, April 4, at her home, 21 West 1st street, Baltimore, of heart disease. She had been complaining for several months, but was out of the house within a few days of her death. She was the daughter of the late Henry McElderry, once a prominent genial and amiable Baltimore, was of a remarkably genial and amiable disposition, and was greatly beloved by a host of friends. She took an active part in a number of charitable enterprises. Her aged mother survives her, also two brothers, Dr. Henry McElderry, surgeon, U. S. Army, and Thos. McElderry, of Baltimore, and three sisters, one unmarried, one the wife of Capt. Edward C. Klower, 3d U. S. Art., and the other Mrs. Fred. A. Libby, of Portland, Me. She leaves three children.

DR. JEROME H. KIDDER, of the Smithsonian Institution, who died April 8 of pneumonia, entered the Navy as an acting assistant surgeon in 1866, rose to the grade of surgeon in 1876, and resigned June 18, 1884. During the latter part of his service in the Navy he was detailed for duty on the Fish Commission under Prof. Baird, where he remained until the death of the latter. Since then he had been Director of the International Exchanges in the Smithsonian Institution. Dr. Kidder was a chemist of high rank and was prominent in social affairs in the capital. He leaves a widow, the daughter of ex-Postmaster-General Maynard, and three children, who are in comfortable circumstances.

THE death of Dr. J. H. Kidder, formerly of the Navy, removes a prominent figure from the scientific circles of Washington. He was in the prime of life, about 47 years of age. Possessing an ample fortune he followed the bent of his natural tastes in the relations and researches of the Fish Commis-

sion, and his work in this particular track was of infinite value to the Government. His wife was the daughter of Hon. Horace Maynard, of Tennessee, and they lived in most comfortable fashion in their house on N street, adjoining the British legation. He was a prominent member of the Metropolitan and Cosmos Club.

A VETERAN soldier, 1st Lieut. Isaac N. Walter, U. S. Army, retired, died at his home in Dayton, Ohio, March 31, after an illness which had confined him to the house for the past three years. He served with credit during the war as an enlisted man and officer of Ohio Infantry Volunteers, was appointed 2d lieutenant, 6th U. S. Cav., April 24, 1867, promoted 1st lieutenant Nov. 18 following, and was retired from active service Dec 31, 1870, on account of disability incurred in the line of duty.

ROBERT N. PRICE, who died at Denver, April 5, entered West Point in 1865, was graduated in 1870, promoted 2d lieutenant, 10th U. S. Cavalry, and resigned April 27, 1872. He then embarked in business in Philadelphia, which he subsequently relinquished for a position in the Pension Office at Washington. Two years ago he accepted a position in one of the city departments in Denver. A widow and one son survive him.

The remains of Mrs. Groesbeck, wife of Judge Groesbeck of Cincinnati, who died at Fort Monroe, Va., last week, were taken to Cincinnati for interment.

THE CAVALRY BOOT AND SPUR.

To the Editor of the Army and Navy Journal:

As the cavalry soldier should be able to walk and run on foot, he should not be hampered or crippled by a boot with high heels or pointed toes. His boot and also the officers' boot should have a low broad heel; the sole at the ball should be as broad as the foot and room enough for the toes, but no pointed toes. One pair of every mounted officer's boots should have legs of stiff patent leather for garrison wear, top of leg cut straight around so that they will all be uniform. His boots for bad weather and field use should have the legs of cheaper material. If the soldier's pay would justify it, we would urge that one pair of his boots for garrison wear should have stiff legs of patent leather on account of their stylish appearance.

Our mistaken fashion of wearing the spur clear down to the point of the heel necessitates the strap being buckled uncomfortably tight over the foot. As the strap becomes worn and loose the spur slips off the heel and is lost while marching. So after a month in the field a third of the men have but one spur and many none. We would not advocate the foreign fashion of cavalymen wearing boots and spurs to entertainments or on fatigues in garrison, but we would urge that all cavalymen and mounted officers be required to wear boots and spurs at all dismounted duty under arms in garrison, except during extremely hot or uncomfortable weather. The senior mounted officer attending the duty to decide when they can be dispensed with. When troops dismount to go into action on foot they wear boots and spurs and move at "double time" over irregular and obstructed ground, and that they may not be awkward and clumsy then they should be accustomed to move at the same gait in the same equipment over a level parade ground at foot drills and duties.

The foreign military boot has a narrow but thick strip of leather sewed on the heel. The top of this strip forms a shoulder on which the lower part of the band of the spur rests. When the man stands, his spur is from two to four inches from the ground. The spur remains up in its place without the strap being buckled tightly over the foot. If your contractors were required to put on this strip it would probably not add more than a penny or two to the cost of the boot. On foot the cavalry soldier is taught to turn out his toes and is punished if he don't. When mounted an effort is made to prevent his turning them out, of course, with scant success after his training on foot. If he is required to wear the spur dismounted in suitable weather, the turned out toes will probably disappear when mounted and dismounted.

TROOPER.

ASSOCIATION OF A. A. SURGEONS, U. S. A.

To the Editor of the Army and Navy Journal:

I SHALL be very grateful to any old soldier, officer or enlisted man, who will kindly send to me, for publication in a work our association is preparing, any items of interest concerning deceased acting assistant surgeons, U. S. A. Incidents of the march, Indian wars, and of camp and personal memories and tributes will be gratefully acknowledged. Many an old soldier could if he would do us a great favor and help to honor the memory of the dead. Every old soldier who has served on our frontier can bear witness to the faithful service of acting assistant surgeons, U. S. A., and the scant return or recognition for their faithful discharge of important duties.

W. THORNTON PARKER, M. D.,
Recorder, A. A. S.,
322 Benefit street, Providence, R. I.

SCHOOL TEACHERS.

To the Editor of the Army and Navy Journal:

By a recent order from the A. G. O. every enlisted man who is in his first enlistment, and as many of those who are in their second enlistment and are detailed by the battery, company, or troop commander, are compelled to attend school daily. Numbers of those men are non-commissioned officers and are obliged to go to school and to be instructed by a private, perhaps a recruit. In fact, I personally know that at least one post in the Division of the Atlantic such is the case. Non-commissioned officers very naturally object to this, and on just grounds, as being detrimental to discipline, and tending to weaken their authority, and to a certain extent lessen the respect supposed to be accorded to them by the privates. Non-commissioned officers cannot be detailed as school teachers if a competent private can be found in the command; is this justice, or right? Again, a private has not the authority over the enlisted men going to school that a non-commissioned officer would have; he does not like to report them to the officer in

charge, for fear of being disliked by his comrades, and consequently the men do about as they like. The order above referred to is ironical so far as obliging all enlisted men during their first enlistment to attend school. Now, suppose (which I know to be the case) several of those men are well educated, and that perhaps they are graduates of college, is there no way, no examination, no standard, nothing that in any way will excuse them from attending school? If the attention of the proper authorities were called to these unfortunate features in the application of the new order I am sure they would be corrected.

JUSTICE.

ARMY AND NAVY DOGS.

At the Royal United Service Institution March 15, Veterinary Surgeon E. E. Bennett delivered a very instructive lecture on the employment of dogs for military purposes, in which he suggested that they be used as auxiliary sentinels to the outposts and sentries and to the advanced rear and flank guards in general; as scouts, on the march, on reconnaissances, and patrol duties; as despatch carriers, on the march, in camp, in action, etc.; as auxiliary ammunition carriers, on the march and in action; as searchers for the wounded and killed after an engagement. The lecturer thought that dogs might be used in naval warfare in foggy weather by giving timely warning of the whereabouts of approaching craft. He did not, however, suggest that their duties as lookouts should be limited to the dog-watch, but further proposed that they be used for night attacks and assaults on shore.

ORDNANCE NOTES.

On the subject of the British guns, the *Admiralty Gazette* says: "On June 20, 1884, the Superintendent of the Royal Gun Factories assured an attentive audience in the Royal United Service Institution, in respect to our new breech-loaders, 'that having waited the longest, we had got the best of it.' Bad certainly must be the best when more than two years afterwards, viz., on Oct. 8, 1886, *Engineering* stated that no less a number than six out of only ten 6 inch guns had burst in the Royal Arsenal proofs! That six guns out of ten should have been thus disabled we believe to be unprecedented, and indicates some sad mistake either in the design or in the construction, or possibly in both. Without, however, dwelling upon the more recent failures, we may be excused for believing that better gun plans may be found, if the proper steps are taken to insure the bringing of the still unequalled mechanical skill of this country to bear upon the subject." Lord George Hamilton reports that there has been very great delay in completing ships with guns, due to the faulty design, viz., that of placing liners in the bores; these liners, when the guns were proved, cracked, and very considerable delay was caused before the guns were repaired and made efficient for issue to the fleet. These difficulties, it is believed, have now been got over.

Speaking of quick-firing guns, *Engineering* says: "At the present moment the quick-firing question is of great importance, especially to the Navy. Quick-firing guns were one answer to torpedo attack, which has doubtless been greatly checked by them; but in their development other important consequences have followed. Not only our own citadel ships, but all types of foreign armor-clad built since the *Thunderer* and *Dreadnought* type have many parts of their hull unarmored. These parts being the less important ones might bear the passage of numerous shot without the vessel being seriously injured; but 'numerous' hardly expresses the hail of missiles which can be poured in by quick-firing guns, which may, as it were, cut away the structure of the ship piecemeal. For ourselves, we consider that the introduction of quick-firing guns went far to render the battleside batteries of the *Admiral Duperre* and *Shannon* classes altogether untenable."

The *Militär-Wochenblatt* published on Feb. 16 a long comparative study of French, German and Russian guns, arriving at the following conclusions: "The action of German field artillery is superior to that of Russian artillery; the action of the shells of French field-guns is not equal to that of German shells; at the principal distances of combat the French and German pieces are equal with shrapnel fire, but in this respect, French pieces possess a slight superiority at the greatest distances."

The German Federal Council is asked to appropriate 3,266,633 marks (recurring), and 344,094 marks (non-recurring), to cover intended charges in the formation of field artillery. It is pointed out that the number of German field batteries is considerable less than those of France and also behind those of Russia.

The French Army is to have its present revolver replaced by a smaller one, which experiments show is considerably more accurate in the delivery of the bullet.

The *Avenir Militaire* reports that some experiments have been concluded at Gavre with the 60-millimetre quick-firing Hotchkiss guns, with which the most recent additions to the French Navy are armed, more particularly the belted cruisers. They are of cast and tempered steel, and weigh 600 kg., the weight of the mounts being 750 kg. A projectile weighing 4 kg. 300 gr., with a charge of 1 kg. 500 gr., has an initial velocity of 620 metres. The chamber will contain 170 balls of 22 gr., and the number of discharges may vary from 12 to 15 per minute. The *Avenir* adds that the recoil has not been done away with, as was accomplished by the quick-firing gun of 47 millimetres.

Hengst gunpowder is prepared from straw, which is pulverized, chemically treated, and finished in granular form for use. It is claimed for this powder that it is smokeless, flameless, practically non-fouling and non-heating, and that both the recoil and the report are less than those of black powder, with superior penetrative power.

The *Revue du Cercle Militaire* describes a "phono-telemeter," invented by Capt. Thouvenin, which combines with a watch, a compass and a curvimeter for ascertaining distances by running a wheel upon maps of two recognized scales. In using the telemeter itself, as soon as the flash is seen, a hand upon a dial at the back of the watch is set in motion by a simple mechanism, and, when the detonation is heard, it is stopped by a similar movement. The distance of the enemy's fire is then ascertained by observing the dial marks indicated by the hand. The Minister of War, upon the report of a commission which has found it to be well constructed and of easy application, has recommended it to the attention of officers.

THE BRITISH NAVY.

The present English naval programme provides for 70 new vessels to be built at a cost of \$107,500,000, as follows:

First-class battle-ships with a displacement of 14,000 tons.....	8
Second-class battle-ships with a displacement of 9,000 tons.....	2
First-class cruisers with a displacement of 7,300 tons.....	2
Cruisers of the <i>Medea</i> class, with a displacement of 3,400 tons.....	20
Cruisers of the <i>Pandora</i> class, with a displacement of 2,600 tons.....	4
Torpedo gunboats, with a displacement of 735 tons.....	18
Total tonnage.....	318,000

38 are to be built in the dock-yards and 32 by contract. These are to be completed during the next six years, so that the expenditure will be extended over this period.

The first-class battle ships to be laid down in 1889-90 include two types—one armed on the turret system, and the other on the barbette system. It is proposed to build one of the former, and the remainder of the latter type. They are to be superior in speed and auxiliary armament to all preceding battle ships of the Royal Navy, and will surpass them all in displacement.

The second class ironclads will be reproductions on a smaller scale of the first-class barbette ironclads, being in speed and coal endurance their equal, but carrying a somewhat lighter armament, and armor of less thickness. Their displacement will be about 9,000 tons.

The first-class protected cruisers which are to be commenced have been designed to carry an armament practically identical with that of the *Blake* and *Blenheim* (of which a full description was given last year); but they are to be of considerably less size and cost, to steam at a somewhat lower speed, and to have a smaller coal endurance.

The second class cruisers, of which it is proposed to construct a large number, are practically reproductions of the *Medea* class. They are more heavily armed than the *Medea*, 35 feet longer, and of about 600 tons greater displacement. In view of the simpler form of gun designs now adopted and of the large experience and greatly increased plant of the private manufacturers, the guns will be ready in ample time for the ships requiring them.

During the year ending Dec. 31, 1888, 100 new breech loading guns were completed for the Navy, including one 16½-inch 111-ton gun, six 13½-inch 68-ton, nine 12-inch 45-ton, and six 9.2-inch 22-ton guns. During the same period 252 14-inch Whitehead torpedoes were manufactured and issued for naval services.

The *Army and Navy Gazette* says: "The proposed battleships of the first-class will throw a considerably heavier weight of metal than any vessels, save only the big Italian ships, that have yet been designed, and they will, 'taking one consideration with another,' be much better protected than any foreign battleships whatsoever, though we cannot help thinking that they possess a grave element of weakness in their unarmored ends, which are each 65 ft. in length. The weight of metal thrown by the projected redoubt turretship (Design C) will be 5,084 lb., and by the protected barbette ship (Design D) 5,110 lb. The *Francesco Morosini*'s weight of metal is 8,928 lb., but it is divided among only 14 guns, whereas our 'C' ship will carry 32, and our 'D' ships 38 guns, including 3 pdr. quick-firing." The draught of these vessels of 14,000 tons will not exceed that of the *Agincourt* of 11,000 tons, viz., 27½ ft. Their coal capacity is limited to 900 tons against 1,200 for the *Trafalgar* and *Victoria* classes, the *Admiral* and the newest Italian battleships. The vessels are equipped with two military masts.

M. Weyl, in *Le Yacht*, says that what is most striking and admirable in the recent movement in England for increased national defence is the unanimity which is shown by all sections of the community in readiness to make new sacrifices and bear augmented burdens, when once it has been recognized that these are for the general good. England gives proof of a clearness of vision, a determination and an energy which in France is totally lacking. There it is only by fits and starts that any interest is taken in the navy.

REVENUE MARINE.

Captain M. L. Phillips, U. S. Revenue stmr. Dexter, has been indefatigable in his efforts to be of assistance to vessels. During his winter's cruising orders he has boarded nearly 500 vessels, steamed 5,484 miles and assisted three vessels—a very creditable winter's work.

Lieut. P. H. Overholt, of the Revenue stmr. Dexter, has been granted fifteen days' leave. The U. S. R. S. Dexter, Capt. M. L. Phillips, took the cadets of the revenue bark Chase on a short trip to initiate them in a course of practical marine engineering. Lieut. Sigms and Prof. Emory, of the Chase, were in charge of the cadets. Capt. Phillips was much pleased with their aptitude for the mechanical part and gave them a tuck at the wheel to keep them in the right road to seamanship.

A PROPOSAL is under consideration to bring the Russian fleet up to the level of the German by the construction of 10 new fast cruisers of 11,000 tons for the Baltic, and increasing the numerical strength of the Black Sea fleet by bringing up to 12 the number of first-class ironclads of great speed and high freeboard. It is believed that 100,000,000 roubles, the expenditure of which might be spread over five years, would suffice to attain this object, if assigned independently of the ordinary naval budget.

AMERICAN GUNS ABROAD.

A WRITER in the Chicago Times says: "During the time that Gen. Boulanger was Minister of War one of his emissaries examined a certain magazine rifle—which will be heard from in the next war—and offered a large sum for the invention. The Yankee demanded \$1,000,000. After a week or two of negotiation the agent sailed for France to report to his superior and receive instructions, having meanwhile secured a two weeks' option on the \$1,000,000 in order to hedge it against other purchasers."

"An American, Hiram Maxim, was paid \$850,000 for his last production—the automatic machine gun—bearing his name, and the Maxim-Nordenfjeldt Gun Company has received an enormous sum from Herr Krupp, of Essen, by which the latter acquires the exclusive right of manufacture of this Yankee invention in Germany. When Benjamin Hotchkiss left Bridgeport, Conn., with his machine gun for Paris he was a poor man. France adopted his gun. He died in 1886, leaving an estate of \$12,000,000. Dr. Richard J. Gatling, of Chester, Pa., now has his British Gun Company stocked at \$4,000,000. Dr. Gatling is again in the field with a scheme for casting steel guns. It is interesting in this connection to note that in 1861 Gen. James Ripley, the Chief of Ordnance, U. S. A., refused to have anything to do with the testing of the Gatling gun. Gen. Benjamin F. Butler, however, gave orders for 11 of them, and later E. M. Stanton, then Secretary of War, ordered a trial of them. Not all American inventors have been so fortunate as James P. Lee, whose detachable magazine rifle has been adopted by the British Government after the most exhaustive tests, and who will reap a golden harvest, also, from Italy and, probably, Turkey. The Gardiner machine gun, also invented by an American, made a fortune for its inventor. A young lieutenant of the United States Navy, W. H. Driggs, in conjunction with Lieut. S. Schroeder, has lately perfected a rapid-fire gun—a 6-pounder—which has attained a fire of 24 aimed rounds a minute, requiring only three men to work it. We do not hazard much in predicting that one of the great European powers will purchase it. Samuel Remington, of Ilion, N. Y., sold his rifle to Norway, Sweden, Denmark, the Argentine Republic, China, Egypt, Colombia, Spain and Madagascar. H. O. Peabody, of Boston, invented a system for an infantry rifle. It was used in England, Afghanistan, Turkey and India. The Providence Tool Company made 600,000 of these rifles for Turkey alone. The Burton, Ward-Burton, or Burton-Lee rifle is, or was, of American invention. England bought it. The system of Winchester, a New Haven rifle inventor, was adopted by Germany and Austria as regards the tubular magazine method of storing cartridges. The French still use it in the Lebel rifle."

"The Evans magazine rifle is an American invention. It has been bought by Russia for use in her navy. Russia also uses the Berdan rifle of American invention in her army. At the close of the Russo-Turkish war the Russian Ordnance Department had 1,200,000 of these rifles in bond. They cost about \$20,000,000."

THE "RESISTANCE" EXPERIMENTS.

THE experiments with H. M. S. *Resistance* were continued on March 13 with a trial of the new explosive "lyddite." Transverse bulkheads, filled with 15 feet of coal closely packed, had been fitted up abaft the engine-room section of the ship, in addition to a steel protected deck. Casemates, formed of steel plates two inches thick on the exterior side, and four inches within board, were erected, and targets marked out on the ship's broadside to represent the mantlet protection afforded to the men working the guns within the barbettes of the "Admiral" class of ironclads, wooden dummies being arranged in various positions within these casemates to act as the effigies of the gun's crew. The sternposts of the *Resistance*, it may be added, were knocked out beforehand to allow of a free fore and aft fire at the coal-bunker bulkheads and turtle-back deck. The *Kite* and *Blazer* gunboats both armed with 6 inch guns, carrying 150-lb. shots, were anchored off the stern and starboard side of the doomed ship and commenced operations shortly before noon. Four shots were fired by each of these vessels, the shells being fired respectively with lyddite and gunpowder, the "cease fire" being sounded after each shot, and a thorough examination made by the officials to test the effect of these discharges. Briefly the result may be said to have been the annihilation of the upper works of the ship, but, analyzing the destruction worked by the lyddite as compared with the shells filled with slow burning gunpowder, the former was found to be too highly sensitive, exploding immediately on impact against the sides of the vessel, instead of, like the missile filled with ordinary gunpowder, bursting within the ship, whereby of course much greater damage could be effected in war. Succinctly speaking, the lyddite shell made a large spodge on the face of the target and beyond that did little or no injury. The gunpowder bomb, on the contrary, made a clean breach through all obstacles and exploded between decks, spreading ruin and destruction around. The gunboats had driven the steel casemates to ribbons, and rendered *hors de combat* the wooden dummies, while the turtle-back steel deck was as completely riddled by fragments of the broken projectiles, some of which not only penetrated the transverse bulkheads built up abaft the engine room and knocked all the coal in the bunkers to the semblance of pulverized charcoal, but found a clean passage through the ship fore and aft, some of the shots going out on the port side that came in on the starboard. Some other and stouter protection than decks of an inch of steel in thickness must be found for fast cruisers if their machinery is to be shielded, and stronger mantlets than those now in vogue to save the lives of our gunners in our modern battleships.

The attack was resumed, the *Snake*, gunboat, proceeding out of harbor to the scene of action at an early hour to pound away at the almost demolished targets with her 9-inch guns; while the *Handy* went out with the Admiralty officials and a party of privileged spectators. The programme as drawn up, was to consist of nine shots of the heavy 30 lb. shells of the *Snake*, should the ship keep afloat long enough for this number of rounds to be fired. The

attacking gunboat arrived at the least damaged target on the opposite side of the ship to that already fired at. However, the *Snake* went manfully through her programme. The poor old ship was made a greater wreck of than ever, although but little could be gained from a scientific point of view than what had been ascertained before—namely, that most of the so-called "protections" of many of our modern ships, judging by the specimens of armor plates, mantlets, steel decks, and coal bunker buttresses were but so much waste paper against the fire of even 6-inch guns, not to speak of the effects of the 9-inch weapons of the *Snake* they experimented with. But in spite of the battering she had the old *Resistance* still floats, her bulk below the water-line being comparatively uninjured, and she will be towed back into harbor as sound below as when she left.—*United Services Gazette*.

NEW PUBLICATIONS.

A useful contribution to the literature of the Hospital Service is the pamphlet, just published, of Dr. Valery Havard, Assistant Surgeon, U. S. A. Dr. Havard, after devoting considerable study to the subject, has compiled a "Manual of Drill for the Hospital Corps and Company Bearers of the United States Army," which adds to the purely technical instructions for handling stretchers by word of command, many useful suggestions, the fruits of his own study and experience. His idea seems to be that men can be drilled in the handling of the stretcher and in the care of the injured, as in any other branch of military duty, and that thus, for purposes of instruction, the advantages of a well-considered system may be applied. After a short preliminary chapter, the book is divided in five parts. Part I. contains the formation of the stretcher squad and the stretcher drill. Part II. is devoted to loading and unloading stretchers, with varying numbers of bearers, transfer of patients from stretcher to bed, improvised stretchers and position of wounded on the stretcher. Part III. deals with methods of moving the wounded without stretchers. Part IV. is devoted to loading and unloading ambulance wagons, and Part V. to pack transport, horse litters, etc. The instructions are very clearly and simply given, and the manual might be used most advantageously in the National Guard for instruction, as well as in the United States Service.

The first part of the authorized translation by C. W. Foster, of "Modern War," by V. Derrecgaix, Col. d'infanterie breveté, commandant en Secondé l'Ecole Supérieure de Guerre, Paris, has been published by James J. Chapman, Washington, in two handsome 8vo. volumes, one of which is devoted to the plans, of which there are seventy-four, many of them occupying two pages, those for the second part on Grand Tactics being included. The work is to be completed in three volumes, at the price of \$7, in a limited edition. It is a most admirable publication, and the students of military science in this country are under obligations to both author and publisher for their enterprise in placing it within their reach. Lieut. Foster has added notes showing the changes which have taken place in the strength of European armies since the appearance of this work in the original French. It is the purpose of Col. Derrecgaix to inform the French Army upon the art of war as it is to-day; to analyze, probe to the bottom, and expound the methods of warfare which have given victory to their enemies, who were more quick to apprehend and adapt themselves to the changes within recent years which improvements in firearms and the application of steam and electricity have brought about. His work cannot be neglected by any officer who is desirous of studying the art of war as it must be practiced to-day. The lessons of our own great war have been supplemented and enlarged by the more recent experience of Germany, France, and Austria, and Col. Derrecgaix has made intelligent use of the modern applications of long-established principles, thus placed at his disposal. Next to decision he places stubbornness as the quality which contributes most to success in war, and refers to Gen. Grant as one of its most remarkable examples. Examples in illustration of his remarks are also quoted from the experiences of Sherman, Schofield, Thomas, and J. E. Johnston, though his work is principally occupied with European campaigns.

"The Man from the West" is among the latest publications of Messrs. Pollock and Moss, in the Echo Series. The author very modestly signs himself "A Wall Street Man," but this sample of his work suggests the practiced hand of a trained writer, rather than of one learned in the ways of the money market alone. It is, in fact, one of the brightest, strongest, and most absorbingly interesting novels that has been produced in this country for many a year. The style is easy and graceful, the characters include several that are surprisingly original, and all are clearly and boldly drawn. The incidents are somewhat sensational, but are generally far removed from the realms of unreason. Touched all through with a graceful vein of humor, the author shows that highest of the novelist's art, which he can add to a thrilling situation the tenderest pathos. From first to last there is not a dull line. It is pre-eminently a powerful, nobly told story, in which the good people and the bad receive in the end their just rewards. There are scenes in the "Man from the West" that are fine enough to bear comparison with the best work of the very greatest novelists, and we shall await with much interest other volumes by the "Wall Street Man," of whose name, by the way, the public will not long be content to remain in ignorance.

"Lochnivar, or Told by an Army Fireside," by Mrs. Alice King Hamilton, is the initial volume of a series to be known as the United Service Library of Original Fiction. There is a thread of a love story running through Lochnivar, upon which are strung a number of short tales of Army life that were told at a Western post to amuse a fair young visitor during the reign of a blizzard. The stories are light, but charmingly told, and the book itself is admirably adapted for just such a purpose as the authoress describes. If, here and there, Mrs. Hamilton falls short of that exact knowledge of military matters that characterizes Capt. Kidd's works, for instance, she has not the less furnished a delightful book for

an idle hour, and one that cannot fail of a cordial reception, especially in Army circles.

"Scottish Poets in America, with biographical and critical notices, by John D. Ross," is the title of a volume published by Pagan and Ross, New York. The reader of this pleasant collection will be surprised to find how many Scottish poets of real merit have made their homes in America. Among others whose life is sketched and whose works are quoted in this volume is Maj.-Gen. Donald Craig McCallum, who was during the war made director and manager of military railroads, with rank of colonel, and rendered conspicuous and valuable services in that line. Twenty-five poets, many of whose productions have the true ring of Scottish minstrelsy, are gathered in this pleasant volume.

We have received two more numbers of the very interesting work, to which we have before alluded, descriptive of "La Vida Militar en Espana." Some 15 numbers of the series have appeared and 20 will complete the volume which will consist of 320 pages, copiously illustrated with vignettes and phototypes taken from very spirited pictures by Don José Cusachs, a painter of military subjects. These accompany descriptive text by Francisco Barado, and are many of them worth framing, as decorations of a soldier's abode, giving lively presentations of the Spanish soldier's life in camp and field. The volume will make a valuable addition to a military library.

"Company Drill made Easy," by William Gordon, is a new volume of the military series published by Gale and Polden, Chatham, and which now numbers 40 volumes, printed and published at Brompton works, Chatham, England. Price is 6d.

"Prompt Aid to the Injured: A Manual of Instruction for Military and Civil Use," by Alvah H. Doty, M. D., is published by Appleton and Co., New York. Price \$1.25. Dr. Doty is Major and Surgeon, 9th Regiment, N. G. S. N. Y., and attending surgeon to Bellevue Hospital. His work is very complete and contains numerous illustrations of the operations described.

TO BUILD UP OUR NAVY.

THE *Chicago Tribune*, in a long despatch from Washington relative to the policy of the new Administration, to the building of the Navy, etc., says: "In domestic affairs this Administration is not likely to indulge in new departures. The field of its greatest energy and accomplishment will be found beyond our coasts. The Harrison Government has a foreign policy full of vigor and assertiveness, a policy which I am at liberty to describe, authoritatively and fully, as to the principles involved. It is the desire of all the people that this country reassert herself upon the sea. It is the natural and universal aspiration of Americans to see their flag everywhere flying and their countrymen everywhere securing a fair share of the world's commerce. The insularity of the United States gives it a golden opportunity. It can concentrate its resources and energies upon its Navy, while all the other first-class powers must maintain their armies or perish. The true road to 'America for the Americans' is via the Navy."

"The right to control the Nicaragua Canal after its completion is spoken of as a matter of great necessity. England holds the key to the Mediterranean at Gibraltar and at Suez, the gateway to the East. If she raises her voice against our control of Nicaragua, the gateway to our continent, she must raise it in vain."

Referring to the importance of Samoa as a half-way station for Pacific trade, both from Nicaragua and San Francisco, the article says: "We are sharing there with other nations that which should be entirely ours."

In conclusion the article says: "It is unnecessary to add that the Harrison Administration, entertaining and expressing these views, with great national projects like these, more or less definitely on hand, will needlessly waste no time in setting to work. The first consideration of all is the new Navy, and it is the policy of the President to double the appropriations and to stir up the activities of American shipyards, gun foundries, inventors, designers and constructors."

THE PANAMA CANAL.

A DESPATCH from Panama, April 7, via Galveston, Tex., says: "Since the suspension of work on the canal over 8,000 laborers have been sent back to their homes from the Isthmus. A consular investigation shows that there are still over 3,000 persons on the line of the works who are in a destitute condition. Some deaths from starvation have already been reported, and it is feared that there will be many more if prompt measures are not taken by the West Indian Governments to send the people back to their homes. Negroes and women and children are the worst sufferers. Despite the great distress, good order prevails."

WAR SHIPS AT SAMOA.

WASHINGTON, April 10, 1889.

It is authoritatively stated at the Department of State to-day that the three treaty powers concerned in Samoan affairs—England, Germany, and the United States—have reached an understanding, by the terms of which they will each keep but one war vessel at Samoa pending the termination of the Berlin conference.

The vessel to be sent there by the United States will be the *Alert*. The German corvette *Sophie*, now on her way out from Zanzibar, will represent German interests, while England will doubtless order the *Calliope* to return to Samoa from Sydney, or will replace her if she was materially damaged by the hurricane.

(Correspondence of the Army and Navy Journal.)

THE NEVADA TROPHY.

Your trophy has gone to Co. H, 7th Infantry, Major H. B. Freeman arrived in Omaha April 1 to receive it. The officers were all in full dress. Gen. Brooke presented the trophy in well chosen words. Major Freeman may well be proud of his trophy, as may also, indeed, the Department of the Platte in having the leading engineering company in the United States Army.

THE ARMY.

BENJAMIN HARRISON, *President and Commander-in-Chief.*

REDFIELD PROCTOR, *Secretary of War.*

G. O. 3, DEPT. OF THE PLATTE, March 29, 1889.

Lieut. Col. Robert H. Hall, 6th Inf., Acting Inspector General, is relieved from duty in this Department, to take effect April 6.

Major Peter D. Vroom, Inspector General, is announced as Inspector General of this Department.

By command of Brig. Gen. Brooke:
SAM'L BRECK, Ass't Adj't-Gen.

STAFF CORPS AND DEPARTMENTS.

Quartermasters and Subsistence Departments.

Post Q. M. Sergt. Wm. H. Farrell, Fort Buford, will proceed to West Point to relieve Post Q. M. Sergt. James C. Franklin, who will proceed to Fort Buford for duty (S. O., April 9, H. Q. A.)

A furlough for one month is granted Post Q. M. Sergt. Wm. H. Farrell, Fort Buford (S. O. 32, April 1, D. Dakota).

The leave granted Lieut. Col. Geo. H. Weeks, Chief Q. M., is extended six days (S. O. 19, March 28, D. Texas).

Pay Department.

Payments to troops, on muster of March 31, are assigned as follows: Major Asa B. Carey, Presidio of San Francisco, Fort Mason, Benicia Arsenal and Benicia Barracks. Major George F. Robinson, Angel Island and Alcatraz Island (S. O. 21, March 30, D. California).

The troops will be paid, on muster of March 31, as follows: Major G. E. Glenn, Paymr., San Diego Barracks. Major A. S. Towar, Paymr., Forts Huachuca, Bowie and Grant. Major W. M. Maynadier, Paymr., Forts Wingate, Union and Marcy. Major J. W. Wham, Paymr., Fort Lowell (S. O. 28, March 28, D. Arizona).

The following assignment is made for payments due March 31: Major James P. Canby, Paymr., at Fort Sherman. Major John B. Keefer, Paymr., Fort Walla Walla and Boise Barracks. Major John C. Muhlenberg, Paymr., Vancouver Barracks, Vancouver Barracks Ord. Depot and Fort Townsend (S. O. 36, March 28, D. Columbia).

Medical Department.

A. A. Surg. T. B. Chase, now at Fort Reno, I. T., will proceed to Fort Sill, I. T., for duty (S. O. 40, April 5, Dept. Mo.).

Colonel Charles Sutherland, surgeon, medical director, will proceed to Atlanta, Ga., on public business (S. O. 79, April 6, Div. Atlantic).

Capt. Paul R. Brown, asst. surgeon, will report to Brig. Gen. John R. Brooke, president Army retiring board, Omaha, for examination by the board (S. O., April 6, H. Q. A.).

A. A. Surg. Robert P. Finley is relieved from duty at Fort Stanton, and will report at Fort Sidney, for duty (S. O., April 4, H. Q. A.).

Leave for six months is granted Captain Charles S. Black, assistant surgeon, to take effect after the arrival at Fort Sidney of A. A. Surg. Robert P. Finley (S. O., April 4, H. Q. A.).

As soon as Hosl. Steward Swan returns to Fort Lowell, Hosl. Steward George Wilcox will proceed to Fort Apache and report for temporary duty (S. O. 28, March 28, D. Arizona).

Hosl. Steward John Lempke is relieved from duty at Fort Porter, and will proceed to Fort Ontario, to relieve Hospital Steward Herman Wilkenhoff, who will proceed to Fort Porter, and report for duty (S. O., April 5, H. Q. A.).

Hosl. Steward George Wilcox, Fort Lowell, will report for duty to the C. O., Jefferson Barracks, relieving Hosl. Steward Benjamin H. Brown, who will report for duty to the C. O., Fort Apache. Hosl. Steward Philip F. Erek, Fort Bridger, will report for duty to the C. O., Fort Shaw, relieving Hosl. Steward Jacob Martin, who will report for duty to the C. O., Fort Bridger. Hosl. Steward John Tomamichel, Fort Laramie, will report for duty to the C. O., Fort Supply, relieving Hosl. Steward Patrick Boland, who will report for duty to the C. O., Fort Laramie (S. O., April 9, H. Q. A.).

Priv. John Caherty, Act'g Hosl. Steward, is transferred from Fort McKinney to Fort Niobrara (S. O., April 9, H. Q. A.).

Engineers and Ordnance Departments.

Leave for two months on surgeon's certificate is granted 2d Lieutenant Charles H. McKinstry, C. E. (S. O., April 9, H. Q. A.).

1st Lieut. Harry Taylor is relieved from duty at the Military Academy, West Point, N. Y., and ordered to report to Lieut. Col. Geo. L. Gillespie, C. of E., for special duty in New York City (S. O., April 11, H. Q. A.).

Capt. Eugene Griffin, C. E., relieved from duty in the office of the Chief of Engineers, will report to Lieut. Col. John M. Wilson, C. E., for duty in connection with the water supply, D. C. (S. O. 32, April 6, C. E.).

Capt. Wm. M. Black, C. E., is granted an extension of six days to the leave of seven days taken by him (S. O. 31, April 5, C. E.).

The extension of leave granted Capt. Eugene Griffin, C. E., is further extended six months (S. O., April 8, H. Q. A.).

Capt. Rogers Birnie, Jr., Ord. Dept., will proceed to Annapolis, Md., on official business (S. O., April 4, H. Q. A.).

Lt. Col. Francis H. Parker, O. D., is relieved from temporary duty at San Antonio Arsenal, to take effect upon the return of Major Lawrence S. Bab-bitt from sick leave, who will return to Watertown and resume command of Watertown Arsenal (S. O., April 8, H. Q. A.).

1st Lieut. Charles H. Clark, O. D., is relieved from duty at the National Armory, and will proceed to Vancouver, assume command of the Vancouver Barracks Ord. Depot, and report for duty as chief ordnance officer, Dept. Columbia (S. O. April 9, H. Q. A.).

Signal Corps.

Sergeant Robert E. Kerkam will proceed from New Orleans to Meridian, Miss., and carry out special instructions (S. O. 28, April 3, Sig. office).

THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

1st Cavalry, Colonel N. A. M. Dudley.

Hdgrs. B. D. E. G., and K. Ft. Custer, Mont.; A and L, Ft. Maginnis, Mont.; I, Ft. Leavenworth, Kas.; C, F., and H, Ft. Assiniboine, Mont.; M, Camp Sheridan, Wyo.

Capt. Thomas T. Knox, at his own request, is relieved from duty as a member of the G. C. M. appointed to convene in Washington, D. C. (S. O., April 11, H. Q. A.).

Sergt.-Major Edward J. Cummings, Fort Custer, will be discharged the service of the U. S. (S. O., April 9, H. Q. A.).

2nd Cavalry, Colonel David E. Clendenin.

Hdgrs. B. E. H. I., and M, Ft. Walla Walla, Wash. T.; A and K, Presidio of San Francisco, Cal.; C and G, Ft. Bidwell, Cal.; D, Boise Bks., Idaho; F, Vancouver Barracks, Wash. T.; L, Ft. Sherman, Idaho.

Troop H (Robinson's) will march to Davenport, W. T., and proceed thence by rail to Fort Walla Walla and take station. Troop F (Swigert's) will march to Vancouver Barracks, W. T., and take station (S. O. 35, March 26, D. Columbia).

Capt. Samuel T. Hamilton will inspect cavalry horses to be delivered by contractor at Fort Walla Walla, relieving Capt. Samuel M. Swigert (S. O. 37, March 29, D. Columbia).

Major James Jackson will proceed to Fort Walla Walla, W. T., and report for duty (S. O. 24, April 1, Div. P.).

Major David S. Gordon, now on leave, is detailed to inspect thirteen cavalry horses to be received under contract at Fort Bidwell (S. O. 22, April 1, D. Cal.).

Leave for eight months is granted Capt. Frank U. Robinson (S. O., April 6, H. Q. A.).

Capt. Albert D. King has been ordered to report to Brig.-Gen. David S. Stanley, president of Army Retiring Board at San Antonio, Tex. (S. O., April 11, H. Q. A.).

3rd Cavalry, Colonel Albert G. Brackett.

Hdgrs. C, E, and M, Ft. Clark, Tex.; B, G, and L, San Antonio, Tex.; D, Ft. Ringgold, Tex.; H, Ft. McIntosh, Tex.; I and K, Ft. Brown, Tex.; A, Camp at Eagle Pass, Tex.; F, Camp Pena Colorado, Tex.

Leave for one month is granted Capt. Charles Morton (S. O. 21, April 4, D. Tex.).

Capt. James Allen will proceed to Columbus Barracks to appear as a witness before a G. C. M., April 8 (S. O., April 6, H. Q. A.).

4th Cavalry, Colonel Chas. E. Compton.

Hdgrs. E, G, and L, Ft. Lowell, Ariz.; A, F, I, and M, Ft. Huachuca, Ariz.; C and H, Ft. Bowie, Ariz.; D, Ft. McDowell, Ariz.; B, Ft. Myer, Va.; K, Ft. Verde, Ariz.

Major E. B. Beaumont, A. I. G., will proceed from Fort Brown to Galveston to inspect money accounts (S. O. 19, March 28, D. Tex.).

6th Cavalry, Colonel Eugene A. Carr.

Hdgrs. A, C, H, I, and K, Ft. Wingate, N. M.; E and F, Ft. Lewis, Colo.; D and L, Ft. Stanton, N. M.; M, Ft. Leavenworth, Kas.; B, Ft. Myer, Va.; G, Ft. Union, N. M.

Leave for one month, to take effect April 6, is granted Capt. William Stanton (S. O. 29, March 30, D. Ariz.).

Corpl. Eugene Woodhull, Troop F, Fort Lewis, is transferred to the Hospital Corps as a private (S. O., April 8, H. Q. A.).

7th Cavalry, Colonel James W. Forsyth.

Hdgrs. A, B, C, D, G, I, L, and M, Ft. Riley, Kas.; E, F, H, and K, Ft. Sill, Ind. T.

2d Lieut. George O. Cress is detailed as Professor of Military Science and Tactics at Knox College, Galesburg, Ill., to take effect July 1, 1889 (S. O., April 8, H. Q. A.).

8th Cavalry, Colonel Elmer Otis.

Hdgrs. A, B, C, D, I, and M, Ft. Meade, D. T.; H and L, Ft. Keogh, M. T.; E and K, Ft. Buford, D. T.; F and G, Ft. Yates, D. T.

9th Cavalry, Colonel Joseph G. Tilford.

Hdgrs. B, F, I, and K, Ft. Robinson, Neb.; A and G, Ft. Niobrara, Neb.; D and H, Ft. McKimsey, Wyo.; E, Ft. Washakie, Wyo.; C and M, Ft. Du Chene, Utah (Post-office address via Ouray, Utah); L, Ft. Leavenworth, Kas.

1st Lieut. Robert T. Emmet is assigned to duty as assistant to the officer in charge of the sub-depot of the Mounted Service, 157 Hudson street, New York City (S. O. 67, March 28, Rec. Ser.).

10th Cavalry, Colonel Benjamin H. Grierson.

Hdgrs. A, B, H, and I, Ft. Apache, A. T.; K, Ft. Thomas, A. T.; E and F, San Carlos, A. T.; D, L, and M, Ft. Bayard, N. M.; C and G, Ft. Grant, A. T.

1st Artillery, Colonel Loomis L. Langdon.

Hdgrs. A, B, C, D, E, G, H, I, K, and M, Presidio of San Francisco, Cal.; F, Ft. Monroe, Va.; L, Ft. Mason, Cal.

2d Lieut. George W. Van Deusen is relieved from temporary duty at Fort Mason and will report at the Presidio of San Francisco for duty (S. O. 22, April 1, D. Cal.).

2d Lieut. Samuel D. Sturgis, Jr., will report to the C. O. Fort Mason for temporary duty with Bat. L (S. O. 22, April 1, D. Cal.).

3rd Artillery, Colonel Horatio G. Gibson.

Hdgrs. A, C, E, H, K, and L, Washington Bks., D. C.; B, Newport Bks., Ky.; D, G, and I, Ft. McHenry, Md.; M, Ft. Monroe, Va.; F, San Antonio, Tex.

Major Edmund C. Bainbridge will inspect Q. M. stores at Newport Barracks, for which 2d Lieut. Edward A. Millar, A. A. Q. M., is responsible (S. O. 80, April 8, Div. A.).

The leave on Surgeon's certificate granted Lieut.-Col. La Bette L. Livingston is extended one month on Surgeon's certificate (S. O., April 9, H. Q. A.).

Major Wallace F. Randolph will proceed to Fort Hamilton and act as special inspector on public animals, stores, clothing, etc., for which Capt. John R. Brinkie, 5th Art., is responsible (S. O. 82, April 10, Div. A.).

4th Artillery, Colonel Henry W. Closson.

Hdgrs. B, D, E, G, and I, Ft. Adams, R. I.; A and C, Ft. Trumbull, Conn.; F, Ft. Snelling, Minn.; J and K, Ft. Warren, Mass.; H, Ft. Monroe, Va.; M, Ft. Preble, Me.

The leave on Surgeon's certificate granted Major Henry C. Hasbrouck is extended ten days on Surgeon's certificate (S. O., April 8, H. Q. A.).

Leave for twenty-one days is granted 2d Lieut. John C. W. Brooks, Fort Preble (S. O. 82, April 10, Div. A.).

Lieut.-Col. Richard H. Jackson will inspect property at Fort Trumbull, for which 1st Lieut. Walter Howe, A. A. Q. M. and A. C. S., is responsible (S. O. 82, April 10, Div. A.).

5th Artillery, Colonel Alex. Piper.

Hdgrs. E, F, I, and H, Ft. Hamilton, N. Y.; A, C, and L, Ft. Columbus, N. Y.; G, Ft. Monroe, Va.; B, Ft. Wadsworth, N. Y.; D, Ft. Douglas, Utah; K and M, Ft. Schuyler, N. Y.

In an order announcing the death of 1st Lieut. William B. McCallum, 5th Art., the regimental commander says: "He was a brave and resolute soldier and proved himself during his entire service an able officer, faithful to every trust. He did not have an enemy in the Service, and all to whom he was known will sincerely mourn the early termination of his career. His family have the sincere sympathy of the regiment in their bereavement."

1st Infantry, Colonel William R. Shafter.

Hdgrs. A, D, I, and K, Angel Island, Cal.; F and G, Benicia Bks., Cal.; C and E, Alcatraz Island, Cal.; H, Ft. Gaston, Cal.; H, Ft. McDermitt, Nev.

1st Lieut. Benjamin S. Wever is relieved from duty at Columbus Barracks and will join his regiment (S. O., April 6, H. Q. A.).

1st Lieut. Benjamin S. Wever is relieved from duty as a member of the G. C. M. at Columbus Barracks, O. (S. O., April 9, H. Q. A.).

Sergt. Richard Archbold, Co. F, Benicia Barracks, is transferred to the Hospital Corps as a private (S. O., April 4, H. Q. A.).

Pvt. Patrick Crudden, Co. B, Fort Gaston, is transferred to the Hospital Corps as a private (S. O., April 5, H. Q. A.).

2nd Infantry, Colonel Frank Wheaton.

Hdgrs. A, B, C, D, E, F, G, H, I, and K, Ft. Omaha, Neb.

Capt. Samuel McKeever, having been found incapacitated for active service, will proceed to his home (S. O., April 6, H. Q. A.).

4th Infantry, Colonel William P. Carlin.

Hdgrs. C, D, E, and H, Ft. Sherman, Idaho; A, B, F, I, and K, Ft. Spokane, Wash. T.; G, Boise Barracks, Idaho.

The C. O. Fort Sherman may grant a furlough for three months to Principal Musician Robert White (S. O. 34, March 23, D. Columbia).

5th Infantry, Colonel Nathan W. Osborne.

Hdgrs. B, and E, Ft. Bliss, Tex.; I and K, Ft. Davis, Tex.; C and F, Ft. McIntosh, Tex.; A and G, Ft. Ringgold, Tex.; D, Ft. Brown, Tex.; H, Ft. Hancock, Tex.

The practice season for two companies from Fort McIntosh (C and F) will be from April 1 to May 31 (S. O. 19, March 28, D. Tex.).

6th Infantry, Colonel Alex. McD. McCook.

Hdgrs. H, and I, Ft. Leavenworth, Kas.; A, B, C, D, E, and G, Ft. Lewis, Colo.; F and K, Ft. Sheridan, Ill.

Leave for one month, to take effect on or about April 9, is granted Col. A. McD. McCook (S. O. 39, April 4, Dept. M.).

2d Lieut. Charles L. Beckurts will remain on duty at the Infantry and Cavalry School, after the departure of his company from Fort Leavenworth, until July 1, 1889, when he will join his company (S. O., April 6, H. Q. A.).

Leave for eleven days, to take effect about April 11, is granted 3d Lieut. Elmore F. Taggart (S. O., April 6, H. Q. A.).

Leave for six months on Surgeon's certificate is granted Capt. John Carland (S. O., April 9, H. Q. A.).

7th Infantry, Colonel Henry C. Merriam.

Hdgrs. B, C, D, E, and F, Ft. Laramie, Wyo.; A and H, Camp Pilot Butte, Wyo.; G and I, Ft. Washakie, Wyo.; K, Ft. McKimsey, Wyo.

1st Lieut. George S. Young, having reported, will proceed to Columbus Barracks and report to conduct to Fort Sidney a detachment of recruits. He will then join his company (S. O. 66, March 27, Rec. Ser.).

9th Infantry, Colonel Alfred L. Hough.

Hdgrs. B, C, F, and I, Whipple Bks., A. T.; E, San Diego Bks., Cal.; A, Ft. Mojave, A. T.; D, Ft. McDowell, A. T.; G, Ft. Huachuca, A. T.; K, Ft. Wingate, N. M.; H, Ft. Verde, A. T.

Leave for two months is granted 1st Lieut. James McB. Stembel, Adj't. (S. O. 24, April 1, Div. P.).

10th Infantry, Colonel Henry Douglass.

Hdgrs. F, D, and I, Ft. Marcy, N. M.; C and H, Ft. Union, N. M.; G and K, Ft. Lyon, Colo.; A and E, Ft. Crawford, Colo.; B, Ft. Stanton, N. M.

Major E. W. Whittemore, having reported, is assigned to station at Fort Union, N. M. (S. O. 29, March 30, D. Ariz.).

Leave for one month, to take effect about April 10, with permission to apply for an extension of one month, is granted 1st Lieut. V. E. Stottler (S. O. 37, April 1, Dept. M.).

1st Lieut. Bogardus Eldridge is relieved as recruiting officer at Fort Lyon, Colo. (S. O. 40, April 5, Dept. M.).

The telegraphic instructions of April 5, to the C. O. Fort Lyon, Colo., to direct 2d Lieut. J. M. Sigworth to join his company at Fort Crawford, Colo., are confirmed (S. O. 40, April 5, Dept. M.).

1st Sergt. Martin Fogarty, Co. H, will report to the president of Board of Officers at Fort Stanton for examination for appointment as commissary sergeant (S. O. 28, March 28, D. Ariz.).

1st Sergt. Patrick Kelly, Co. H, will report to the president of Board of Officers at Fort Union for examination for appointment as commissary sergeant (S. O. 28, March 28, D. Ariz.).

11th Infantry, Colonel Richard I. Dodge.

Hdgrs. A, D, G, H, and I, Madison Bks., N. Y.; E and K, Ft. Niagara, N. Y.; B, Fort Wood, N. Y.; C, Ft. Ontario, N. Y.; F, Plattsburgh Bks., N. Y.

The leave for seven days granted 1st Lieut. Francis W. Mansfield, Madison Barracks, and extended twenty-two days is further extended four days (S. O. 83, April 11, Div. A.).

12th Infantry, Colonel Edwin F. Townsend.

Hdgrs. E, G, H, and I, Ft. Yates, D. T.; A, B, C, and D, Ft. Sully, D. T.; K, Ft. Bennett, D. T.; F, Ft. A. Lincoln, D. T.

The leave granted Lieut.-Col. Wm. F. Dunn, Act. Insp.-Gen., has been extended twenty days (S. O., April 11, H. Q. A.).

13th Infantry, Colonel Montgomery Bryant.

Hdgrs. B, and H, Ft. Supply, Ind. T.; I and G, Ft. Elliott, Tex.; C and E, Ft. Reno, Ind. T.; F, Ft. Lyon, Colo.; A, Ft. Sill, Ind. T.; K, Ft. Leavenworth, Kas.; D, Little Rock Bks., Ark.

Leave for four months to take effect about May

10. is granted Capt. Benjamin H. Rogers (S. O., April 6, H. Q. A.)

14th Infantry, Colonel Thomas M. Anderson.
Hdqrs., B. C. D. F. G. and H. Vancouver Bks. Wash. T. A. F. Townsend, Wash. T. E. and K. Ft. Klamath, Ore.; I. Ft. Leavenworth, Kas.

Capt. Joseph A. Sladen, having been found by an Army Retiring Board incapacitated for active service on account of disability incident to the service, is retired from active service (S. O., April 8, H. Q. A.)
Q. M. Sergt. John Draddy will report at Vancouver Barracks for examination by a Board of officers for appointment as commissary sergeant (S. O., March 29, D. Columbia.)

16th Infantry, Colonel Matthew M. Blunt.
Hdqrs., B. D. E. G. H. and I. Ft. Douglas, Utah; A. C. F. and K. Ft. Du Chene, Utah.

The leave for seven days granted Capt. Clayton Hale, Fort Douglas, and extended twenty-three days, is further extended one month (S. O., April 6, Div. M.)

17th Infantry, Colonel Henry R. Mizner.
Hdqrs., A. B. C. E. F. G. I. and K. Ft. D. A. Russell, Wyo.; P. and H. Ft. Bridger, Wyo.

Capt. Thomas G. Troxel will report to Brig. Gen. John R. Brooke, president Army Retiring Board at Omaha, Neb., for examination by the Board (S. O., April 5, H. Q. A.)

The telegraphic instructions requiring Capt. Cyrus S. Roberts to report to Chicago, Ill., after completion of duties at Omaha, Neb., for duty, are confirmed (S. O., April 10, Div. M.)

Sergt. Rudolph Grieb, Co. I, will report before a Board at Fort D. A. Russell for examination for appointment as ordnance sergeant (S. O., April 2, D. Platte.)

18th Infantry, Colonel Henry M. Lazelle.
Hdqrs., B. D. and H. Ft. Hays, Kas.; F. Ft. Leavenworth, Kas.; C. and I. Ft. Gibson, I. T.; G. and K. Ft. Lyon, Colo.; A. and E. Denver, Colo.

Capt. Robert F. Bates is relieved from temporary duty at Hdqrs. Dept. of Dakota, and will proceed to join his company at the post near Denver, Colo. (S. O., April 1, D. Dak.)

2d Lieut. F. D. Evans is relieved as J.-A. of the G. C.-M. at Post near Denver (S. O., April 1, Dept. M.)
2d Lieut. F. D. Evans is relieved from temporary duty at Post near Denver, and will return to Fort Lyon (S. O., April 1, Dept. M.)

Capt. R. F. Bates is detailed member of the G. C.-M. at Post near Denver, Colo. (S. O., April 4, Dept. M.)

2d Lieut. F. D. Evans is appointed recruiting officer at Fort Lyon, Colo. (S. O., April 5, Dept. M.)
Pvt. James Howard, Co. I, has been appointed sergeant-major of the regiment.

19th Infantry, Colonel Charles H. Smith.
Hdqrs., A. G. H. and I. San Antonio, Tex.; B. C. D. E. and F. Ft. Clark, Tex.; K. Ft. Concho, Tex.

21st Infantry, Colonel Henry A. Morrow.
Hdqrs., A. C. E. G. and I. Ft. Sidney, Neb.; D. F. and H. Ft. Bridger, Wyo.; B. Ft. Douglas, Utah; K. Ft. McKinney, Wyo.

1st Sergt. Celotes Heminger, Co. E, Fort Sidney, will be sent to Hot Springs to enable him to enter the Army and Navy General Hospital (S. O., April 6, H. Q. A.)

24th Infantry, Colonel Zenas R. Bliss.
Hdqrs., A. D. and F. Ft. Bayard, N. M.; B. H. and K. Ft. Grant, Ariz.; C. G. and E. San Carlos, Ariz.; I. Ft. Thomas, Ariz.

25th Infantry, Colonel George L. Andrews.
Hdqrs., G. H. I. and K. Ft. Missoula, M. T.; B. C. E. and F. Ft. Shaw, M. T.; A. and D. Ft. Concho, M. T.

1st Lieut. E. A. Edwards is relieved from duty at Knox College, Galesburg, Ill., to take effect July 1, and will then join his company (S. O., April 8, H. Q. A.)

(For Late Army Orders see page 664.)

Appointments, etc., of Commissioned Officers and Retired Enlisted Men, U. S. A., recorded in the A.-G. O. during the week ending April 6, 1889.

CASUALTY.

Major George A. Williams (retired), died April 2, 1889, at Newburgh, New York.

Courts-martial.

The following courts have been ordered:

At Vancouver Barracks, W. T., April 4. Detail: Major Charles A. Wilcox, Capt. Augustus H. Bainbridge, Gilbert S. Carpenter, and Samuel McCombe, 1st Lieut. Patrick Henson and Charles A. Johnson, 2d Lieut. William A. Kimball and Frank F. Eastman, 4th Inf.; 2d Lieut. J. E. McCoy, 7th Inf.; 2d Lieut. Joseph P. O'Neil and Charles H. Martin, 14th Inf.; 2d Lieut. John R. Winn, 2d Cav.; 2d Lieut. William R. Sample, 14th Inf.; 2d Lieut. Henry C. Cabell, 14th Inf.; J.-A. (S. O., March 29, D. Columbia.)

At Fort McIntosh, Tex., April 3. Detail: Major Samuel B. M. Young and Capt. Henry W. Wessells, Jr., 3d Cav.; Capt. Edmund Rice and 1st Lieut. Hunter Liggett, 5th Inf.; 1st Lieut. Paul Clendenin, Asst. Surg.; 2d Lieut. Richard C. Croxton, 5th Inf., and 1st Lieut. George K. Hunter, 3d Cav.; J.-A. (S. O., April 1, D. Tex.)

At Fort Ringgold, Tex., April 3. Detail: Major Edward C. Woodruff, Capt. Edward L. Randall and Henry Romero, 5th Inf.; Capt. William C. Borden, Asst. Surg.; 2d Lieut. Jesse McI. Carter, 3d Cav.; 2d Lieut. James Baylies, 5th Inf., and 1st Lieut. George P. Borden, 5th Inf.; J.-A. (S. O., April 1, D. Tex.)

At Fort Niobrara, Neb., April 8. Detail: Capt. Daniel T. Wells, Thomas Whittem, and Folliot A. Whittem, 8th Inf.; Capt. Patrick Cusack and Joseph Garrard, 9th Cav.; 1st Lieut. John McR. Hyde, Adjt., Edward Lynch, and William L. Pitcher, and 2d Lieut. John Stafford, 8th Inf.; 2d Lieut. Grover Hutchison, 9th Cav.; 2d Lieut. Wilds P. Richardson, 8th Inf.; 2d Lieut. Gonzales S. Bingham, 9th Cav.; 2d Lieut. Colville M. Pettit, 8th Inf., and 2d Lieut. Frederick V. Krug, 8th Inf.; J.-A. (S. O., April 2, D. Columbia.)

At Fort Sill, I. T., April 6. Detail: Major T. A. Baldwin, Capt. J. M. Bell, B. G. Matthey, and C. C. DeRudio, 1st Lieut. H. G. Sichel, Jr., 2d Lieut. W. H. Baldwin, G. O. Cross, and Sedgwick Rice, 7th Cav.; 2d Lieut. P. C. Harris, 13th Inf., and 1st Lieut. H. L. Scott, 7th Cav.; J.-A. (S. O., April 2, Dept. M.)

At Post near Denver, Colo., April 6. Detail: Major G. K. Brady, 18th Inf.; Chaplain C. C. Blaine; Capt. Charles Richard, Med. Dept.; Capt. J. H. Baldwin and 2d Lieut. S. A. Smoke, 18th Inf., and 1st Lieut. C. L. Steele, 18th Inf.; J.-A. (S. O., April 3, Dept. M.)

At Washington, D. C., April 11. Detail: Col. Richard I. Dodge, 15th Inf.; Col. Edwin F. Townsend, 15th Inf.; Col. John Mcendenhall, 2d Art.; Capt. John G. Turnbull, 3d Art.; Capt. Sanford C. Kellogg, 4th Cav.; Capt. John R. Myrick, 3d Art.; Capt. Greenleaf A. Goodale, 2d Inf.; Capt. Lewis Smith and Frank W. Hens, 3d Art.; Capt. George S. Anderson, 4th Cav.; Capt. James Parker, 4th Cav.; Capt. James

O'Hara, 3d Art.; Capt. Thomas T. Knox, 1st Cav., and Major George B. Davis, J.-A. of the court (S. O., April 8, H. Q. A.)

At Fort Trumbull, Conn., April 11. Detail: Lieut.-Col. Richard H. Jackson and Capt. Eugene A. Bancroft, 4th Art.; Capt. Robert J. Gibson, Asst. Surg.; Capt. Richard P. Strong, 1st Lieut. Walter Howe and William Everett, and 2d Lieut. Alfred M. Hunter, 4th Art., and 1st Lieut. Adelbert Croukhite, 4th Art.; J.-A. (S. O., April 9, Div. A.)

At Fort Myer, Va., April 12. Detail: Major Louis H. Carpenter, 5th Cav.; Major Robert H. White, Surg.; 1st Lieut. William Baird, 6th Cav.; 2d Lieut. Charles F. Elliott, 4th Cav.; 2d Lieut. Barrington K. West, 6th Cav.; 2d Lieut. Samuel Reber, 4th Cav., and 2d Lieut. Andrew G. C. Quay, 4th Cav.; J.-A. (S. O., April 10, Div. A.)

At Washington Barracks, D. C., April 12. Detail: 1st Lieut. Ramsay D. Potts, Edward Davis, Charles W. Hobbs, Benjamin H. Randolph, and Henry H. Lemly, 2d Lieut. Ira A. Haynes and Edgar Russell, 3d Art.; 2d Lieut. John D. Barrette, 3d Art.; J.-A. (S. O., April 10, Div. A.)

At Fort Wadsworth, N. Y. H., April 12. Detail: Lieut.-Col. Richard Loder, 5th Art.; Major Charles B. Throckmorton, 3d Art.; Capt. Charles K. Winne, Asst. Surg.; 1st Lieut. Robert M. Rogers, 3d Art.; 1st Lieut. Garland N. Whitcomb and Albert C. Blunt, 5th Art., and 2d Lieut. Charles G. Treat, 5th Art.; J.-A. (S. O., April 11, Div. A.)

Army Boards.

A Board of Officers will meet at Fort Union, N. M., to report upon the qualifications of enlisted men for appointment as commissary sergeants. Detail: Lieut.-Col. A. P. Morrow, 6th Cav.; Capt. C. L. Davis and 1st Lieut. J. H. Shoberg, 10th Inf. (S. O., March 28, D. A.)

A Board of Officers will meet at Fort Stanton, N. M., to report upon the qualifications of enlisted men for appointment as commissary sergeants. Detail: Major Emil Adam, 6th Cav.; Capt. J. T. Kirkman, 10th Inf., and 1st Lieut. G. L. Scott, 6th Cav. (S. O., March 28, D. A.)

A Board of Officers will meet at the Presidio of San Francisco, Cal., April 1, to report upon the qualifications of Sergt. Max Weinberger, Co. F, 1st Inf., for appointment as commissary sergeant. Detail: Major Edward Moske, Capt. Francis E. Pierce, and 1st Lieut. Nat P. Phister, 1st Inf. (S. O., March 28, D. Cal.)

A Board of Officers will meet at Benicia Barracks, Cal., April 1, to report upon the qualifications of Sergt. Max Weinberger, Co. F, 1st Inf., for appointment as commissary sergeant. Detail: Major Edward Moske, Capt. Francis E. Pierce, and 1st Lieut. Nat P. Phister, 1st Inf. (S. O., March 28, D. Cal.)

A Board of Officers, to consist of Capt. D. W. Burke and Thomas F. Tobey and 2d Lieut. Wm. F. Goodwin, 14th Inf., will meet at Vancouver Barracks, W. T., April 2, to report upon the qualifications of Q. M. Sergt. John Draddy, 14th Inf., for appointment as commissary sergeant (S. O., March 29, D. Columbia.)

A Board of Officers will meet at David's Island, N. Y. H., April 1, to report upon the qualifications of Sergt. Robert H. Erskine, Depot Detachment, for appointment as ordnance sergeant. Detail: Lieut.-Col. Frederick Mears, 4th Inf.; Capt. George H. Cook, A. Q. M., and Capt. John B. Guthrie, 13th Inf. (S. O., March 31, Re. S.)

A Board of Officers, to consist of Lieut.-Col. Horace Jewett, 3d Inf.; Capt. George B. Rodney, 4th Art., and 1st Lieut. Francis P. Fremont, 3d Inf., Adjt., Act. Ord. Officer, will assemble at Fort Snelling, Minn., April 4, to report upon the qualifications of Sergt.-Major Emil Goetze, 3d Inf., for appointment as ordnance sergeant (S. O., April 1, D. Dak.)

A Board of Officers, to consist of Major John M. Hamilton and Capt. Frederick K. Ward, 1st Cav., and 1st Lieut. Henry A. Greene, 20th Inf., Adjt., Act. Ord. Officer, will assemble at Fort Assiniboine, Mont., April 8, to report upon the qualifications of 1st Sergt. Stephen Schwartz, Co. F, 20th Inf., for appointment as ordnance sergeant (S. O., April 1, D. Dak.)

A Board of Officers will meet at Fort D. A. Russell, Wyo., to report upon the qualifications of enlisted men for appointment as ordnance sergeants. Detail: Lieut.-Col. Robert H. Offley and Capt. Thomas G. Troxel, 17th Inf., and Capt. Marcus W. Lyon, Ord. Dept. (S. O., April 2, D. Platte.)

A Board of Officers, to consist of Col. C. H. Smith, 19th Inf.; Major E. R. Beaumont, 4th Cav., A. I. G., and 1st Lieut. W. F. Evans, Q. M., 19th Inf., is appointed to meet, April 5, to examine and report upon barracks Nos. 11 and 12, and two outbuildings, at the Post of San Antonio, reported completed by the contractor (S. O., April 4, D. Tex.)

A Board of Survey, to consist of Capt. George H. Cook, A. Q. M.; Capt. John B. Guthrie, 13th Inf., and Capt. Harry L. Haskell, 12th Inf., will assemble at David's Island, N. Y. H., April 16, to fix the responsibility for deficiencies in clothing to be supplied to the 1st Lieut. Richard R. Steedman, 16th Inf., recruiting officer, is responsible (S. O., April 6, H. Q. A.)

DEPARTMENT NEWS.

Dept. of Missouri.—Brig. Gen. Wesley Merritt.

Capt. Couch, who has arrived at Winfield, just from Oklahoma, says the soldiers have scouted the Oklahoma country, and about everybody without authority to remain has been driven out.

ARTILLERY SCHOOL, FORT MONROE, VA.

In G. O. 15 Lieut.-Col. Frank prescribes the following course for April:

Division for Commissioned Officers.—In addition to Ballistics: Chemistry—Under 2d Lieut. Willoughby Walke, 2d Art., instructor; Major A. C. M. Pennington, 4th Art., superintendent. Department of Artillery—Majors A. C. M. Pennington, 4th Art., and M. P. Miller, 5th Art., superintendents. Practical Exercises—Capt. S. M. Mills, 5th Art., instructor.

Division for Enlisted Men.—The instruction for non-commissioned officers in "Gunnery for Non-Commissioned Officers" and in Signaling (wand practice) will be under Capt. W. P. Vose, 2d Art., instructor, and 2d Lieut. S. M. Foote, 4th Art., assistant. The instruction of selected enlisted men in Telegraphy will be continued under Capt. W. P. Vose, 2d Art., instructor, and 2d Lieut. S. M. Foote, 4th Art., assistant.

(Correspondence of the Army and Navy Journal.)

FORT SHERMAN, IDAHO.

The "Lenten Quietude" at Fort Sherman has been rather broken up by the advent of a guest, Mrs. Groshon, of Fort Brigr, who is visiting her sister, Mrs. Corson, is pleasantly remembered as a former guest, when a young girl, of Dr. and Mrs. Corson, and as the daughter of Judge and Mrs. Carter, of Bridger, whose generous and ever-ready hospitality is recalled by so many, both in and out of the Army.

The initiative in the social movement was given by Mrs. True in a "Ladies' Lunch." This lunch was a "Pink Lunch," all the lights shaded to the proper rosy hue, the flowers and adornments properly pink and the pretty favors all tied with pink ribbons.

The lunch was followed by a whist party at Capt. Hubbard's, and that in turn by a "Progressive Euchre," given by Dr. and Mrs. Corson. The tastefulness of the press and the marking of all games won at the head table by giving pretty little ornaments to each winner, made this party an especially pretty one.

In truth, the "Cauldron de Rose," established by Mrs. True at her lunch, seemed to have created a rosy atmosphere for all the succeeding entertainments, they were all so much enjoyed. A dinner given by Gen. Carlin and one by Capt.

and Mrs. Price were each pronounced a success and fully appreciated.

Another ladies' lunch, given by Mrs. Coates, was as perfect in its quaint way as the pink predecessor. This was a Japanese lunch. Even the waitress was in Japanese costume and a menu, slyly introduced by Capt. Coates, and not at all contemplated by the hostess, completed the merriment of the party assembled.

(Correspondence of the Army and Navy Journal.)

FORT CLARK, TEXAS.

On Sunday p. m., March 31, an exciting game of base ball was played at this place between Troop M, 3d Cav., nine and a picked nine of Co. B, C, D, E, and F, 18th Inf. The beginning of the game was in favor of the Dough Boys, and they rent the air with their savage war-whoops, but, lo and behold! the scientific playing of the cavalry nine began to assert itself and put a damper on the cheers of the opposite side. The latter part of the game was characterized by silence and energetic playing on the part of the Dough Boys, but their strenuous efforts were futile, as an observation of the following score will testify, to wit:

Troop M, 3d Cav.	1	0	2	0	1	2	1	1	3	11
18th Infantry	2	2	1	0	0	0	0	0	0	7

Troop M nine has a standing challenge to play any troop or company nine in the U. S. Army for the championship.

SPECTATOR.

(Correspondence of the Army and Navy Journal.)

FORT APACHE, A. T.

April 2, 1889.

There is no idling here at present, but there is an unusual season of enjoyment for the young people of Apache, as several young ladies, from their homes in civilization, have honored our garrison with their presence. The Misses Davis, from St. Louis, and their cousin, Miss Green, are guests of Major and Mrs. McClellan. Miss Davis, niece of Capt. Wm. H. Davis, is visiting his family here, and Miss Roberta Latham, daughter of Col. R. B. Latham of Lincoln, Illinois, accompanied her cousins, Mrs. Wm. H. Beck and Miss Beck, wife and daughter of Capt. Beck, 10th Cavalry, on their return to Fort Apache, where she expected to spend the summer. Lieut. J. B. Hughes, on ten days' leave, at Fort Thomas, a guest of his friend and classmate, Lieut. P. H. Clarke. Lieut. Johnson has returned from a trip to San Carlos. Miss Johnson, sister of Lieut. Carter Johnson, 10th Cavalry, has arrived in Apache, and welcomed as a member of our social circle. Mrs. Davis, widow of General Jeff. C. Davis, is a guest of her brother-in-law, Capt. Wm. H. Davis, and his wife.

(Correspondence of the Army and Navy Journal.)

FORT MEADE, D. T.

INCLOSED herewith is programme of a concert given by the 8th Cavalry Band, under the leadership of Chief Musician John F. Klein, for the benefit of the Ex-Confederate Soldiers' Home at Austin, Texas. This concert was voluntary on the part of the band, and in remembrance of the consideration shown it by the people of Texas during their term of service in that State, covering a period of 13 years. The net receipts were about \$75.

1. Overture, "America".....Tobani.
2. Selection, "Maritana".....Wallace.
3. Cornet—Duet, "Nightingale and Blackbird".....Kling.
4. "Southern Plantation" Songs.....Conferno.
5. "The Musicians' Strike"....."We are all Soloists".
6. "Recollections of the War".....Shick, Ferezz.
7. Fantasia, "A Hunting Scene".....Beyert.
8. "Spring Jubilee in the Alps".....Busch.
9. "Ten Minutes with the Minstrels".....Gungl.
10. Paraphrase, "Nearer My God to Thee".....Revera.

(Correspondence of the Army and Navy Journal.)

FORT SUPPLY, I. T.

I INCLOSE herewith a programme of dramatic entertainment given at Fort Supply April 3, and repeated by request the following evening.

Penelope, opera, by Walker. Mrs. J. B. Goe, manager. Overture, Fra Diavolo, by Auber. Caste—Penelope. Mrs. Bryant. Mrs. Crocker. Mrs. Pierce; Tosser (Guardman). Capt. Paddock, Pitcher (Policeman). Mr. Andrus; Chaika (Milkman). Mr. Pierce. Orchestra, the Irish Patrol, by Pomer.

FORT LEAVENWORTH, KAS.

The Kansas City Times says:

Commencing April 2, there is to be two drills each day, Saturday and Sunday excepted. On Saturday there will be one drill, in the morning. Instruction in gallery practice and the other exercises preliminary to firing on the range has also commenced. On Tuesday and Thursday afternoons commencing at 1 o'clock, the cavalry are to be drilled in the preliminary exercises in revolver firing.

At a meeting of the McCook base ball club, April 5, full arrangements were made for a match game with the Golden Eagle club of Kansas City. Resolutions were passed expressing the gratitude of the club to the officers and enlisted men of the post for their kind and substantial subscriptions to the support of the club, and thanks were also extended to Gen. McCook for his kindness in giving the members of the club Thursday afternoons of each week for practice.

PRESIDIO OF SAN FRANCISCO.

The Report says:

There was a large and distinguished company on the Presidio parade ground Sunday morning, and the dress parade and inspection went off in brilliant style.

Col. Loomis L. Langdon, the new commandant, mounted on a fine gray charger, rode for the first time at the head of the 1st Artillery. He looked every inch the soldier and handled the troops in a mastery manner. The Presidio never saw line formed so promptly nor the ceremonies never saw line formed so promptly nor the ceremonies never saw line formed so promptly nor the ceremonies never saw line formed so promptly.

The Colonel was evidently pleased with his regiment, and when ranks were broken it was as evident that the regiment was pleased with its new Colonel. Altogether the new regime at the Presidio opens auspiciously.

SAN ANTONIO, TEXAS.

The Times says:

It is reported that the U. S. arsenal, now located in the heart of the city, is to be removed, and that the new location will be either at the Kampmann rancho on the Salado or adjacent to the new target range. It is also said that in case the location is changed the Government will donate the present arsenal grounds to the city for a university.

The band has gone to the Laredo celebration. Governor Ross has applied to have Col. S. B. M. Young to inspect the State troops at the Galveston encampment. Lieutenant Fowler has reported the work at the target range, under the new rule for rifle and carbine firing, as surprisingly good. Col. J. P. Martin has been presented with a handsome Mexican cane by Col. Bailey, medical director. Col. Bailey went all the way to the City of Mexico to purchase the cane for Col. Martin, and even in that city the cane is regarded in the light of a curio. Col. Beaumont, inspector

general, has returned to the post after an official visit to Forts McIntosh, Ringgold and Brown.
Asst. Surg. S. H. T. Harris, lately at Fort Davis, registered at Department Headquarters April 4.
Gen. Smith, Col. Beaumont, and Lieut. Evans have inspected the new barracks and are generally pleased with the work.
At the progressive euchre party given by Dr. and Mrs. Baily Thursday evening the prizes were won by Mrs. Sheridan, a jardiniere with flowers, and Lieut. Rumbough, a box of cigars. Major Burbank is proud in the possession of one of Dr. Baily's wonderful Mexican cans.

FORT RILEY, KANSAS.

The Times says:
The Misses Kerr, of St. Joseph, Mo., are the guests of Capt. and Mrs. Jackson.
Maj. S. M. Bacon returned Wednesday from a leave.
The Fort Riley social club will give a masquerade ball April 25.
Lieut. Waterman has returned from search of deserters.

CHANGES IN NAVY SINCE JANUARY 1.

NAVY DEPARTMENT, WASHINGTON, April 1, 1889.

The following changes in the Navy, since the 1st of January last, are published for the information of the Service.

BENJAMIN F. TRACY, Secretary of the Navy.

APPOINTMENTS.

George Brinton Wilson, an asst. surgeon, from Jan. 4, 1889.
Charles Francis Stokes, an asst. surg., from Jan. 22, 1889.
Edward Rhodes Stitt, an asst. surg., from March 23, 1889.
Munley Fitch Gates, an asst. surg., from March 27, 1889.
Chas. H. Tishman Lowndes, asst. surg., from Mar. 30, 1889.
Henry J. Tresselt, a gunner, from Jan. 31, 1889.
Joel C. Evans, a gunner, from Feb. 7, 1889.

PROMOTIONS.

Commo. Geo. E. Belknap, to rear adm., from Feb. 12, 1889.
Commo. D. B. Harmony, to rear adm., from March 26, 1889.
Capt. John G. Walker, to commo., from Feb. 12, 1889.
Capt. Francis M. Ramsey, to commo., from March 26, 1889.
Comdr. Silas Cary, to captain, from Feb. 12, 1889.
Comdr. Wm. T. Simpson, to captain, from March 26, 1889.
Comdr. Bartlett J. Cromwell, to capt., from Mar. 26, 1889.
Comdr. John W. Philip, to captain, from March 31, 1889.
Lt.-Comdr. Jas. M. Forsyth, to comdr., from Feb. 12, 1889.
Lt. Comdr. G. A. Converse, to comdr., from Mar. 23, 1889.
Lt.-Comdr. H. B. Bradford, to comdr., from Mar. 26, 1889.
Lt.-Comdr. G. R. Durand, to comdr., from Mar. 26, 1889.
Lt.-Comdr. E. M. Burton, to comdr., from Mar. 31, 1889.
Lt. Chas. Belknap, to lt. comdr., from Feb. 12, 1889.
Lt. Fernando P. Gilmore, to lt. comdr., from Mar. 23, 1889.
Lt. Eugene H. C. Leuzer, to lt. comdr., from Mar. 26, 1889.
Lt. Uriel Sebrese, to lt. comdr., from March 26, 1889.
Lt. Albert R. Gouden, to lt. comdr., from March 31, 1889.
Lt. (jr. grade) Walter S. Hughes, to lt., from Jan. 15, 1889.
Lt. (jr. grade) Fidelio S. Carter, to lt., from Feb. 12, 1889.
Lt. (jr. grade) Frank F. Fischer, to lt., from March 15, 1889.
Lt. (jr. grade) Alexander Sharp, to lt., from March 15, 1889.
Lt. (jr. grade) Harry H. Hooley, to lt., from March 17, 1889.
Lt. (jr. grade) Frank E. Beatty, to lt., from March 23, 1889.
Lt. (jr. grade) Chas. M. McCartney, to lt., from Mar. 26, '89.
Lt. (jr. grade) Moses L. Wood, to lt., from March 29, 1889.
Lt. (jr. grade) F. M. Burton, to lt., from March 31, 1889.
Ensign Harry M. Dombauge, to lt. (jr. g.), from Feb. 12, 1889.
Ensign Wm. B. Rush, to lt. (jr. g.), from Feb. 11, '89.
Ensign Alfred L. Hall, to lt. (jr. g.), from Feb. 12, 1889.
Ensign P. J. Werlich, to lt. (jr. g.), from Feb. 19, 1889.
Ensign Simon Cook, to lt. (jr. g.), from March 15, 1889.
Ensign J. H. Fillmore, to lt. (jr. g.), from Mar. 17, 1889.
Ensign Thos. S. Rodgers, to lt. (jr. g.), from Mar. 23, 1889.
Ensign John G. Quinby, to lt. (jr. g.), from Mar. 26, 1889.
Ensign Jas. H. Glennon, to lt. (jr. g.), from Mar. 26, 1889.
Ensign Harry S. Knapp, to lt. (jr. g.), from Mar. 31, 1889.
Surg. Thos. N. Penrose, to med. insp., from Jan. 25, 1889.
P. A. Surg. Walter A. McClurg, to surg., from Jan. 25, 1889.
P. A. Paymr. J. R. Stanton, to paymr., from Mar. 26, 1889.
P. A. Paymr. H. B. Sullivan, to p. a. paymr., from June 19, '88.
P. A. Paymr. T. J. Cowie, to p. a. paymr., from Jan. 25, 1889.
P. A. Engr. David J. Jones, to chief engr., from Jan. 9, 1889.
P. A. Engr. J. H. Chasmar, to chief engr., from Jan. 27, 1889.
Asst. Engr. Reynold T. Hall, to p. a. engr., from Jan. 9, 1889.
Asst. Engr. Ira N. Hollis, to p. a. engr., from Feb. 19, 1889.
Asst. Naval Constr. John F. Hanson, to naval constructor, from Oct. 10, 1888.
Asst. Naval Constr. John B. Hoover, to naval constructor, from Oct. 10, 1888.
Asst. Naval Constr. Joseph Feaster, to naval constructor, from Oct. 10, 1888.
Asst. Naval Constr. Richard Gatewood, to naval constructor, from Oct. 10, 1888.
Asst. Naval Constr. Francis T. Bowles, to naval constructor, from Oct. 10, 1888.

* Subject to examination.

RESIGNATIONS.

Lieut. George C. Foulk, Feb. 10, 1889.
Ensign James S. Brown, Feb. 10, 1889.
Naval Cadet Louis W. Briggs, Jan. 24, 1889.
Naval Cadet Charles F. Connelley, Feb. 25, 1889.
Naval Cadet John P. J. Ryan, Feb. 25, 1889.
Naval Cadet Fred'k W. Billchmidt, Feb. 25, 1889.
Naval Cadet Walter J. Mani n, March 1, 1889.
Naval Cadet P. Stuyvesant Pillott, March 1, 1889.
Naval Cadet T. S. Maurin, March 1, 1889.
Naval Cadet W. B. Randolph, March 30, 1889.

RETIREMENTS.

Vice Adm. Stephen C. Rowan (at own request), Feb. 26, 1889.
Rear Admiral Stephen B. Luce, March 25, 1889.
Capt. Henry Wilson (at own request), March 30, 1889.
Comdr. Charles A. Schetky, March 22, 1889.
Lieut. Francis Winslow, March 14, 1889.
Med. Insp. Aaron S. Oberly, Jan. 24, 1889.
Asst. Paymaster Jacob D. Doyle, Feb. 26, 1889.
Chief Engr. Francis C. Dade (at own request), Jan. 26, 1889.
Chief Engr. D. B. Macomb, Feb. 27, 1889.
Passed Asst. Engr. John W. Gardner, Feb. 18, 1889.
Chaplain George A. Crawford, March 2, 1889.
Naval Constructor Samuel H. Pook, Jan. 17, 1889.
Sailmaker Herman Hansen, Jan. 24, 1889.

WHOLLY BE TIRE.

Lieut. Landon P. Jouett, Feb. 18, 1889.
Passed Asst. Surg. Robert Swan, Feb. 28, 1889.

DISMISSED.

Naval Cadet Henry L. Woodward, Feb. 25, 1889.

DEATH.

Rear Admiral Ralph Chandler, Feb. 11, 1889.
Rear Admiral John Lee Davis (retired), March 12, 1889.
Capt. C. M. Schoonmaker, March 18, 1889.
Lieut. John S. Abbott, March 18, 1889.
Lieut. Charles R. Miles, Jan. 14, 1889.
Passed Asst. Surg. William G. G. Wilson, Jan. 23, 1889.
Paymaster F. H. Ames, March 18, 1889.
Chief Engr. Edwin Wells, Jan. 8, 1889.
Asst. Engr. William F. Darrab, Feb. 25, 1889.
1st Lieut. F. S. Sutton, U. S. Marine Corps, March 15, 1889.

A NAVAL EXAMINING BOARD consisting of Pay Director Richard Washington, president, Paymasters Albert Bacon and W. J. Thompson members, with Assistant Paymaster Livingston Hunt as recorder, is now in session at the Navy Department. Passed Assistant Paymaster George Deering is before the board for examination for promotion.

THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy.

NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

N. Atl. Station.—R.-Adm. Bancroft Gherard.

GALENA, 3d rate, 8 guns, Comdr. George W. Sumner. Temporary flagship N. A. S. Arrived at Cape Haytian, Hayti, March 26.
OSSEPEE, 3d rate, 8 guns, Comdr. A. G. Kellogg. Reported as having sailed from Cape Haytian March 26, for Gonaves and St. Marc. All well.

PENSACOLA, 2d rate, 16 guns, Captain Arthur R. Yates. At Norfolk undergoing repairs. Will probably be assigned as flagship of Asiatic station.

The following telegram was received at the Navy Department from Commodore Brown, of the Norfolk Navy-yard: "A heavy northern gale set in about midnight Saturday. The water rose suddenly and was higher than ever known, being about a foot above the coping of the dry dock. The *Pensacola* was lifted from the blocks, filled with water through the old and new Kingston valve openings, and settled diagonally across the blocks. The water over the gun deck combings. The diver reports that there was no injury to the bottom. Have plugged the holes and expect to pump the ship dry, readjust blocks and dock again. The gale continues and the Simpson dock is flooded." The ship has been pumped out and no serious damage discovered.

YANTIC, 3d rate, 4 guns, Comdr. Charles H. Rockwell. At New York Navy-yard. Will soon leave to join North Atlantic Squadron at Key West.

S. Atlantic Station.—Act. Rear Adm. J. H. Gills. Mails should be addressed to the care of the U. S. Consul Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

ALLIANCE, 3d rate, 6 guns, Commander G. W. Pigman. At Montevideo, Jan. 31. Ordered home. To arrive at Hampton Roads about July 18.

RICHMOND, 2d rate, 14 guns, (f. s. a. s.), Capt. Allen V. Reed. Arrived at Montevideo March 10. Order to sail for Samoan waters countermanded April 10.

TALLAPOOSA, 3d rate, 6 guns, Comdr. F. W. Dickins. At Montevideo Jan. 29.

European Station.—A. R.-Adm. Jas. A. Greer.

Mails should be addressed to care of B. F. Stevens, 4 Trafalgar Square, London, England, unless otherwise noted.

ENTERPRISE, 3d rate, 6 guns, Comdr. B. H. McCalla. Left Nice March 7 by way of Red Sea for Zanzibar and Madagascar.

LANCASTER, 2d rate, 10 guns, f. s. e. s., Capt. T. F. Kane. At Nice, France, March 22.

QUINCEBAUG, 3d rate, 8 guns, Comdr. Chas. H. Davis. At Alexandria, Egypt. Has been ordered to return to the United States.

Pacific Station.—Rear Adm. L. A. Kimberly.

Address all mail (unless otherwise noted) for the present to Navy Pay Office, San Francisco, Cal.

ALERT, 3d rate, 4 guns, Comdr. J. G. Green. At Honolulu, S. I., March 30. Ordered to Samoa April 1.

DOLPHIN, 3d rate, 1 gun, Comdr. George F. F. Wilde. Arrived at Hong Kong, China, March 31.

MONONGABELA, sails, 2 guns, Store Ship. Commander G. E. Wingate. Sailed from Mare Island, Feb. 18, with supplies to fleet in Samoan waters.

NIPISIC, 3d rate, 6 guns, Comdr. D. W. Mullan. Wrecked at Apia March 15. Later report states that the vessel can be saved.

PINTA, 4th rate, 4 howitzers, Lieut. Comdr. George M. Book. At Sitka, Alaska, Jan. 1. Has been ordered to Mare Island for repairs.

TRENTON, 3d rate, 10 guns, Capt. N. H. Farquhar. Wrecked at Samoa March 15.

VANDALIA, 2d rate, 8 guns, ———. Destroyed by hurricane at Apia, Samoa, March 15.

Asiatic Station.—Rear Admiral G. E. Belknap.

Ordered to command.
Mails should be addressed, Yokohama, Japan, unless otherwise noted. Steamer sails from San Francisco April 10, 20 and 30.

BROOKLYN, 2d rate, 14 guns, Captain Byron Wilson. En route for New York, under sail. Arrived at St. Thomas, West Indies, March 31. See ought to be in New York about April 15. Address mail to care commandant Navy-yard, N. Y.

ESSEX, 3d rate, 6 guns, Comdr. T. F. Jewell. Address all mail to care B. F. Stevens, 4 Trafalgar Square, London, England. Homeward bound. It is expected the vessel will arrive in New York about the middle of April. Arrived at Madeira March 27.

MARION, 3d rate, 8 guns, (f. s. a. s.) Comdr. N. M. Dyer. At Shanghai, China, March 12.

MONOCACY, 3d rate, 6 guns. At Yokohama, Japan, awaiting orders of Navy Department. She will be condemned and sold on station. Lieutenant Commander W. W. Reisinger is at present in charge of the vessel.

OMAHA, 2d rate, 12 guns, Captain F. V. McNair. At Shanghai, China, March 23.

PALOS, 4th rate, 7 howitzers, Lieut. Comdr. J. E. Craig. At Chefoo, China, March 15.

SWATARA, 3d rate, 8 guns, Comdr. J. McGowan, Jr. At Cape Town, Africa, March 12, as reported by cable.

Apprentice Training Squadron.

CONSTELLATION, sails, 10 guns. Commander C. J. Train. Passed in the Chesapeake Capes for Norfolk April 4.

MINNESOTA, 19 howitzers, Capt. G. C. Wilts. Receiving ship for boys. Foot of W. 27th Street, North River. Entrance from W. 26th Street. P. O. address, Station E, New York.

NEW HAMPSHIRE, 9 howitzers, Receiving Ship for boys, Comdr. F. J. Hugginson. Coaster's Island, Harbor, Newport, R. I.

On Special Service.

AND AWAITING ASSIGNMENT.

ATLANTA, 2d rate, 8 guns, Capt. John A. Howell. At Colon, U. S. C., March 15. Ordered to New York April 5.

BOSTON, 2d rate, 8 guns, Captain J. O'Kane. At New York Navy-yard.

CHICAGO, 1st rate, 14 guns, Capt. H. B. Robeson. At New York Navy-yard. Will be assigned to European squadron as flagship.

DESPATCH, 4th rate, Lieut. W. S. Cowles. At New York.

FORTUNE, tug, Lieutenant A. J. Iverson. Ordered from Norfolk to Washington with freight.

KEARSARGE, 3d rate, 7 guns, Commander A. D. Brown. En route for Hampton Roads, Va., with the officers and crew of the *Tallapoosa*, and expected to arrive middle of April, then be assigned to North Atlantic Squadron. Arrived at Barbadoes March 28.

MICHIGAN, 4th rate, 6 guns, (2 howitzers and 2 galleons), Commander H. F. Pickens. At Erie, Pa.

MOHICAN, 3d rate, 10 guns, Commander J. B. Corbhan. At Panama March 14.

RANGER, 3d rate, 1 gun, Comdr. F. A. Cook. On the Southern coast of California on survey duty. Address mail to care Navy Pay Office, San Francisco, Cal.

ST. MARY'S, sails, 8 guns, Comdr. A. S. Crowninshield. N. Y. Public Marine School, N. Y. City, foot of East 26th Street, in winter quarters.

THETIS, 3d rate, 2 machine guns, Lieut. Comdr. Charles H. Stockton ordered to command. At Mare Island Navy yard. Cal. Will soon sail for Alaska, and sailing orders have been forwarded by mail. Will proceed as far North as Behring Straits, and then return and report arrival at Sitka.

All mail for the *Thetis* should be addressed U. S. S. *Thetis* Navy Pay Office, San Francisco, Cal.

YORKTOWN, 3d rate, 6 guns, Commander F. W. Chadwick ordered to command. Went into commission April 10. At League Island, Pa.

Receiving Ships, Iron-Clads, Etc.

DALE, Commander Yates Stirling. Receiving ship. Navy-yard, Washington, D. C.

FRANKLIN, 30 guns, Capt. A. P. Cooke. Receiving ship. Navy-yard, Norfolk, Va. Will be rigged out and sent to New York to take part in Centennial celebration April 30.

INDEPENDENCE, 7 howitzers, Comdr. J. W. Philip. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy Tug. Mate B. G. Perry in command. Annapolis, Md.

RESCUE, Mate Samuel F. Lomax. Used as a fire tug. Navy-yard, Washington, D. C.

ST. LOUIS, sails, Capt. Wm. Whitehead. Receiving ship. Navy-yard, League Island, Pa.

SPEEDWELL, Yard Tug, Mate H. Kuhl, commanding. Navy-yard, Norfolk, Va.

VERMONT, 1 gun, Capt. Wm. A. Kirkland. Receiving ship. Navy-yard, New York.

WABASH, 20 guns, Captain C. C. Carpenter. Receiving ship. Navy-yard, Boston, Mass.

Naval Vessels Fitting Out to go into Commission.

Adams—Mare Island, Cal. Work has been temporarily stopped. Commander Edwin T. Woodward ordered to command, and officers ordered to report April 20.

Jamestown—At Navy yard, Norfolk. Has been reported ready for sea service, and she will be put in commission next week. Commander B. P. Lamberton will command her, and she will be attached to the Apprentice Squadron.

Junkata—Newport, R. I. Will be transferred to the Training Service.

Saratoga—At Portsmouth, N. H., to undergo repairs. Will be transferred to State of Pennsylvania when repairs are finished. Comdr. James M. Forsyth ordered to command.

Ironclads—At Navy-yard, Mare Island, Cal. Orders sent March 11 to go ahead with repairs. Expected to be ready about June 1, 1889.

Portsmouth—At Portsmouth, N. H., Navy-yard, undergoing repairs.

VARIOUS NAVAL ITEMS.

The official trial of the new U. S. gunboat *Petrel* is ordered for April 15.

The Union Iron Works of San Francisco, Cal., have been awarded the contract for the new coast defence vessel.

The Turkish Government has ordered three torpedo boats and six torpedo catchers from the firm of Schichau, at Kiel.

On account of the agreement entered into between Germany and the United States to have but one ship there the orders assigning the *Richmond* to Samoa have been countermanded, and the work on the *Adams* at Mare Island Navy Yard has been temporarily stopped.

The Emperor of Germany is reported to take a great interest in his Navy and to desire to make Germany a great naval power. On Tuesday of last week he went to Wilhelmshaven to inspect the corvette *Alexandrine* previous to her departure for Samoa, and in conversation with Sir Edward Malet, the British Ambassador, he said that nothing he would see during his coming visit to England would interest him as much as the promised naval review at Spithead.

A CORRESPONDENT of the London Times writes from Hamburg: "The construction of 16 additional sea going torpedo boats for the Imperial German Navy has been intrusted by the Admiralty to Messrs. Schichau's shipbuilding yard at Elbing. These boats will be furnished with apparatus for the launching of torpedoes, and will be armed by machine guns. The indicated horse power is to be 1,500, which is calculated to furnish the boats with a speed of 23 knots. Several of the vessels are already so advanced that their launch from the stocks is only a question of a few days."

The new Inman Line steamer *City of Paris* on her maiden trip from Liverpool to New York made the passage in 6 days 18 hours and 53 minutes. It is anticipated, after her machinery has been worked more, that she will make the trip in at least 6 days.

All the officers of the *Constellation* excepting Commander C. J. Train and Ensign J. G. Doyle and the crew are to be transferred to the *Jamestown* at Norfolk, Va., and the latter vessel will then proceed to New York. The *Constellation* is to be sent to Annapolis.

Bills for payments on the new cruisers have been approved as follows: In favor of the *Cramps*, Philadelphia, \$121,500, payment on the *Philadelphia* (cruiser No. 4); in favor of the *Union Iron Works*, San Francisco, \$128,520, payment on the *San Francisco* (cruiser No. 5).

ORDERS have been issued to the Board of Inspection, of which Rear Admiral Jouett is president, to proceed to New York and take part in the Centennial ceremonies occurring there on April 30. All commanding officers of vessels will be required to report their arrival to the Board, and a suitable anchorage for all will be located in the North River.

PREPARATIONS are being made at the Naval Hospital at Mare Island, Cal., for the reception of the sick and injured of the officers and crews of the wrecked *Trenton* and *Vandalia*. The receiving ship *Independence* has ample room for all who come from Samoa. It is understood that 300 of the *Vandalia's* and the *Trenton's* crews will come by an Australian steamer.

FIFTY of the torpedo boats constructed a short time ago for the French Navy are said to be so faulty that they will have to be overhauled, at an outlay of \$3,000 each; and even then it is feared they will not meet the requirements originally expected of them. Since the beginning of this month two serious accidents have occurred. A few weeks ago torpedo boat No. 102 was upset within sight of Toulon and six of her crew were drowned. Then torpedo boat No. 110, which left Havre with some officers for Cherbourg, disappeared off Barfleur and has not been heard of since. Diligent search has been made for the missing boat, but it is feared that she has foundered.

WHEN the batteries for the new ships were announced, it was stated that the new 6-inch rifles building at the Washington Gun Foundry would be assigned to the *Yorktown*. The understanding was that six were to go to the *Yorktown*, six to the *Charleston* and four to the *Petrel*. On account of the delay in receiving the forgings for the two 8-inch guns, it became necessary to substitute four 6-inch, so now the main battery of the *Charleston* will consist of ten 6-inch guns. Mr. Irving Scott, the manager of the Union Iron Works, went to Annapolis last Saturday and personally superintended the loading of the guns on the railway. He was allowed to select the first ten of the 6-inch guns on hand, and that same evening they were shipped to California. The carriages for these guns are not finished, however, and will not be for some time. The entire battery of the *Chicago* is now on board that vessel, and the 8-inch carriages which were made at the Gun Foundry, Washington, are also ready to be put on board. It is expected that the *Chicago* will be regularly put in commission next week at the New York Navy-yard.

The specifications for the 5,000-ton monitor provide for two ordinary return tubular marine boilers, but the remainder of the 5,400 horse-power is to be supplied by coil boilers. These have been tried with great success on yachts and in a modified form by the French Government, but their use in naval vessels will be largely experimental. If they come up to expectations they will result in a large saving of space and weight. But at least one bidder, Cramp, does not feel confident of the result, for he proposed last week to enlarge the two tubular boilers, and in consideration of this departure from the designs to waive all claim to any bonus for horse-power in excess of 5,400. The next lowest bidder, the Union Iron Works, agreed to accept the Department's plans and guarantee results. The appropriation act under which the vessel is proposed to be built imposed a severe limitation. It limited to \$2,000,000 the cost (exclusive of armor and guns) of floating rams or other naval structures. This implied that the \$2,000,000 was to provide for the construction of more than one such defensive structure. A torpedo boat had been contracted for at a cost of \$87,000, and this left a little over \$1,900,000 available, out of which, besides the vessel and machinery, anchors, boats, etc., were to be supplied.

NAVY GAZETTE.

Ordered.

APRIL 5.—P. A. Engineer J. P. S. Lawrence, to the Navy-yard Norfolk, Va., April 20.

Assistant Surgeon Manly F. Gates, to the Navy-yard League Island.

APRIL 9.—P. A. Paymaster George A. Deering, to examination for promotion.

APRIL 10.—Lieutenant W. W. Gilpatrick and Ensign John G. Quimby, to examination for promotion.

APRIL 11.—Lieutenant Lucien Flynn, to temporary duty on board the *Pensacola* connected with electric lighting.

Chief Engineer Hugh H. Cline, to the receiving-ship *Franklin*.

Paymaster A. D. Bache, to the Navy-yard League Island, April 20.

Detached.

APRIL 5.—Naval Cadet W. S. Burke, from the *Chicago*, May 6, and ordered to final examination.

P. A. Engineer John L. Hannum, from the Navy-yard Norfolk, April 20, and ordered to the *Pensacola*.

Boatswain Patrick Haley, from the receiving-ship *Independence* and ordered to the Navy-yard Mare Island.

Acting Gunner Horace R. Yewell, from the Boston and granted sick leave.

APRIL 9.—Lieut. Commander J. N. Hemphill, Lieutenants R. T. Jasper and David Peacock, Ensigns J. G. Quimby, P. W. Hourigan and A. Rust,

P. A. Surgeon W. R. Du Bose, Assistant Paymaster George W. Simpson, Chaplain Thos. A. Gill, Boatswain W. A. Cooper, Gunner T. B. Watkins, Carpenter James Burke and Sails-maker J. J. Byrue, from the *Constellation* and ordered to the training-ship *Jamestown*.

APRIL 10.—Assistant Naval Constructor A. W. Stahl, from the Naval Academy and ordered to the Union Iron Works, San Francisco, Cal.

APRIL 11.—Assistant Engineer George E. Burd, from the *Chicago* and ordered to the *Yorktown*. Gunner Wm. Wilson, to appear before the Retiring Board.

Paymaster H. C. Machette, from the receiving-ship *Franklin* and ordered to settle accounts and hold himself in readiness for sea service.

Ensign Roy C. Smith, from special duty on the *Pensacola* and ordered to the *Yorktown*.

Chief Engineer P. A. Rearick, from the receiving-ship *Franklin* and ordered to hold himself in readiness for orders to *Iroquois*.

Retired.

Paymasters J. R. Carnody and F. H. Hlman have been placed on the retired list.

Captain Henry Wilson was placed on the retired list, to date from March 30, 1889.

General Court-martial.

A General Court martial has been ordered to convene at the Navy yard Norfolk, Va., next Monday for the trial of such persons as may be brought before it. The detail of the Board is as follows: Captain A. R. Yates, president; Commander Joshua Bishop, Lieutenants R. T. Jasper, John C. Irvine, C. K. Curtis and David Peacock and Ensign P. W. Hourigan. Lieutenant J. D. J. Kelly will be the Judge-Advocate.

MARINE CORPS.

2d Lieutenant Chas. A. Doyen, detached from the Marine Barracks, Portsmouth, N. H., and ordered to report on April 20 to the commandant of the Navy yard Mare Island, Cal., as the officer detailed to command the guard of the U. S. S. *Adams*.

2d Lieutenant Lincoln Karman has been detached from the Marine Barracks, Norfolk, Va., and was ordered to report on April 10 to the commandant of the Navy-yard League Island, Pa., as the officer detailed to command the marine guard of the U. S. S. *Yorktown*.

Captain M. C. Goodrell will be detached, May 1, 1889, from the Marine Barracks, Norfolk, Va., and ordered to report to the commandant of the Navy-yard there as the officer detailed to command the marine guard of the U. S. S. *Pensacola*.

CASUALTIES.

Deaths reported to the Navy Department during the week ending April 12:

Wm. T. Fair, private marine, died at the Naval Hospital, New York, April 2.

Herbert Garrison, apprentice, attached to the *Tallapoosa*, died on board, Feb. 25.

J. S. Luckfield, ordinary seaman, died April 2, at the Naval Hospital, New York.

Robert L. Bridge, landsman, attached to the *Quinnebaug*, died, March 18, at Alexandria, Egypt.

H. K. Steever, machinist, died, April 5, at his home, Hyattsville, Md.

T. H. Patterson, rear admiral, retired, died, April 9, at Washington, D. C.

John Williams, seaman, died, April 7, at the Naval Hospital, New York.

James O. Delaney, 1st class fireman, died at the Naval Hospital, Norfolk, Va., April 5.

NAVAL WAR OF 1812.

To the Editor of the Army and Navy Journal:

I SHALL be glad if any observations of mine should lead to Mr. Roosevelt seeing his way to the removal of the much controverted discrepancies which pervade the narratives of this war. He will find that the American tonnage measurement, properly taken, never could give results for frigates varying largely from the English tonnage. There are a couple of misprints in the tonnage rules given in his "Naval War," pages 455-456. I have discovered that the English system is fully explained in Derrick's *Memoirs of the Royal Navy*, and the dimensions of English ships given in Charnock's *History of Marine Architecture* (3d vol.), both works being in deposit at the Naval Lyceum, New York; and the value of these works consists in their having been published some years before the war of 1812 broke out, and therefore being quite free from partiality on that subject.

The following would be very nearly the calculation of the British 38 gun frigates by the American rule of 1793: Length, 154 feet; extreme outside width, 40 feet. Three fifths of 40 feet = 24; and 154 - 24 = 130. Therefore $130 \times 40 \times 20 = 1094$ tons. But by the American rule previous to 1799, when the breadth was reckoned, without the planking, at 39 feet, the tonnage would be only 1045. British reckoning, 1080. These are very different results to the 1330 mentioned in our author's work. It is to be hoped he will make corrections in any future edition, not forgetting the briggs on the same system. A large plan of the *Endymion*, 40 guns, drawn to scale, was, I hear, sent to the Naval Lyceum a couple of years ago.

I am your obedient servant,

FRANK CHISWELL.

In reference to Mr. Frank Chiswell's letter, given above, let me say that I have just gone through the Navy Department records at Washington, and have got at one or two additional figures.

In the first place it is idle for Mr. Chiswell to say that the American tonnage measurements "never could" give results varying greatly from the English. The answer is that they did. If Mr. Chiswell will turn to James's *Naval Occurrences* he will find the *Chesapeake* set down as 1,135 tons, and the *Macedonian* as of 1,081; but in the American Navy lists, which are those I followed, the *Chesapeake* is put down as of 1,244 tons. A simple application of the rule of three shows that even if I accepted James's

figures, I would be obliged to consider the *Macedonian* as of about 1,185 tons, to make her correspond with the system I had adopted for the American ships.

But this is not all. James gives the length of the *Macedonian* as 154ft. 6in. In the Navy Department at Washington are two plans of the *Macedonian*. One is dated 1817, and gives her length as 157ft. 3in. This difference in measurement would make a difference of 20 odd tons; so that by the American mode she must certainly have been over 1,200 tons, instead of under 1,100, as by the British rules. The second plan in the Navy Department, much more elaborate than the first, is dated 1823, and gives the length as 164ft; it is probably this that Emmons and the United States Navy lists have followed—as I did myself in calling the tonnage of the *Macedonian* 1,325. Since finding the plan of 1817, however, I think it possible that the other refers to the second vessel of the name, which was built in 1832. If this is true, then the *Macedonian* (as well as the *Guerrière* and *Java*) should be put down as about 100 tons less than the measurements given by Emmons; but even if this is so, she must be considered as tonning over 1,200, using the method I have applied to the *Chesapeake*. If I ever bring out another edition of my work I shall certainly state these newly-found facts; but I shall equally certainly make it clear that, adopting the same system that I apply to the American 38 gun frigates, the British 38-gun frigates were of over 1,200, not under 1,100, tons.

As for the *Cyane*, James makes her but 118ft. and 2in. long, while the American *Peacock* he puts at 119ft. 5in. But Lt. Hoffman's official report makes the former 123ft. 3in., and the plans in the State Department at Washington make the latter 117ft. 11in. in length. I care nothing for the different methods of measuring different vessels; what I wish to get at is the comparative measurement, and this stands as above. The comparative tonnage is thus the very reverse of that indicated by James's figures.

Finally, as to the briggs, I can find no plan on record of the measurements of the captured *Epervier*; but in the Navy Department, volume 10, of the "Letters of Master Commandants, 1814," under date of May 12, is the statement of the Surveyor of the port of Charleston, that she measured 467 tons (in another place it is given as 477). James makes her 388; but as he makes the American *Wasp* 434, whereas she stands on our list as of 450, the application of the same rule as with the frigates gives us, even taking his own figures, 400 as her tonnage, when measured as our ships were. But the measurements of the Surveyor of the Port who examined the *Epervier* are corroborated by the statements of Captain Riddle, who captured her sister brig, the *Penguin*. Riddle reported that the latter was two feet shorter and a little broader than his own ship, the *Hornet*, which was of 480 tons. This would correspond almost exactly with the Surveyor's estimate.

Mr. Chiswell will readily see that he must produce better proof than he has yet furnished before asking that my estimates of tonnage for these briggs be "corrected" in the manner he wishes.—Yours truly, THEODORE ROOSEVELT.

NAVAL ACADEMY.

The following candidates have been permitted to appear at the Naval Academy for promotion: Robt. A. French, 2d, Florida; Guy Beckman, 5th, Missouri; A. C. Townsend, 25th, Pennsylvania, and A. J. Talcott, 2d, Rhode Island.

W. H. H. SMITH has been restored to his former position as chief clerk of the Bureau of Steam Engineering, Navy Department.

MRS. CATHARINE H. GALLAGHER, the aged widow of Captain John Gallagher, U. S. N., died at Baltimore, Md., April 9. Captain Gallagher died Nov. 1, 1842.

A COMMODORE's commission reached Capt. Francis M. Ramsay at the Brooklyn Navy-yard, April 11, and his blue flag was at once unfurled over the *Vermont*. A salute of 11 guns greeted it.

LIEUTENANT W. H. BUEHLER, U. S. N., who has been on duty in the Bureau of Naval Intelligence for the past three years, has been ordered to duty on the *Adams*, and left for San Francisco yesterday.

PASSED ASSISTANT SURGEON E. H. MARSTELLER, U. S. N., left Washington on April 11 for San Francisco to report for duty on board the *Adams*. His family will remain in Washington and occupy their new house 128 N street, N. W.

ONE of the crew of the barge which is to row President Harrison ashore from the *Despatch* on April 29 is James Parker, late lieutenant-commander of the U. S. Navy, and a graduate of the Naval Academy, who resigned in 1866.

The following officers registered at the Navy Department for the week ending April 12: Pay Director Caspar Schenck, P. A. Paymaster A. K. Michler, Lieut. E. D. Bostick, Ensigns H. C. Poundstone and W. J. Maxwell, Comdr. Chas. O'Neill, and Medical Director A. L. Gibson.

The records of the Examining Board in the cases of the following officers, recommended for promotion, have been sent to the President for his action: P. A. Paymaster J. K. Stanton to be paymaster, and Asst. Paymaster H. K. Sullivan and T. J. Cowie to be P. A. paymasters. Lt. Comdr. W. W. Gilpatrick and Ensign John G. Quimby have been ordered before the Medical Board for examination for promotion.

A HUMOR was current around the Navy Department this week that a change is soon to take place in the head of the Bureau of Provisions and Clothing. As the story goes, Secretary Tracy considers that ex-Paymaster-Gen. Smith was unjustly treated by the previous Administration and in order to right a wrong, and not being particularly friendly to Paymaster Gen. Fulton, contemplates restoring Pay Director Smith to the head of the Bureau. No official verification could be obtained of the report but it is evident that the matter has in some way come before the Secretary and has been discussed by him. The three years' suspension to which Pay Director Smith was sentenced by Court-martial expired on Jan. 27 last.

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ers of any delay or failure to receive the JOURNAL, so that
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ARMYNAVY.

The Navy Department casualty circular, issued
this week, is an innovation that will be thoroughly
appreciated by every officer of the Service, and
especially by those who are interested in keeping
their Register posted up. These circulars are to
appear every three months.

The efforts of prominent citizens of Texas to have
another cavalry regiment stationed in that State
has given rise to the report that several changes in
stations of cavalry regiments will soon be ordered.
According to one statement the 6th Cavalry, now
in New Mexico, will be ordered to Texas, and the
4th, now in Arizona, to Washington Territory. No
confirmation of this report can be obtained at Army
Headquarters, and as General Schofield has re-
cently denied a request for a transfer of Captain
Doane's troop of the 2d Cavalry with the troop of
the 1st Cavalry, now at Yellowstone Park, on the
ground that no funds are available for the purpose,
there would seem to be little likelihood of the
change taking place for some time to come. It is
further stated that the Department prefers to uti-
lize all available funds for improving the sanitary
condition of a number of posts which are sadly in
need of better water service.

VACANCIES IN ARMY AND NAVY.

THE cadets who graduate from the Military and
Naval Academies in June next are doubtless begin-
ning to think that the commissioned force of the
Army is in a remarkably healthy condition, judg-
ing from the slow manner in which vacancies are
occurring in the lower grades. The West Point
cadets are, of course, less uneasy than the as-
pirants for commissions in the other branch of the
Service; their prospects for early promotion are
not bright, but the law at least insures them com-
missions. At the present time there are but fif-
teen vacancies in the grade of second lieutenant,
including that following the death of Colonel
Hatch, 9th Cav., one in the cavalry, four in the
artillery and ten in the infantry. Two more are
assured by transfer from the line to fill vacancies
now existing in the Ordnance Department. The
only other staff departments of the Army in which
vacancies are due in the lower grades between now
and July 10 are the Adjutant General's and Medical
Departments. One vacancy occurs in the former by
the retirement of General Dram, and there are now
five existing and two prospective in the Medical
Department. There will be no vacancy in the En-
gineer Corps by regular retirement until Sept. 22,
1891, when General Parke retires. The next va-
cancy in the Q. M. Department is not due until
June 16, 1890, when Gen. Holabird retires. Two va-
cancies are due in the Subsistence Department this
year; one Sept. 3 by the retirement of Colonel
Burns, and the other by the retirement, Oct. 4, of
Col. Beckwith. In the Inspector General's Depart-
ment no vacancy can be anticipated before the re-
tirement of Colonel Hughes, April 11, 1903, unless
Major Lawton should retire upon the completion of
thirty years' service, as it is understood he at one
time contemplated. Colonel Winthrop's retirement,
Aug. 3, 1895, will cause the first prospective va-
cancy in the J. A. Department. The Pay Depart-
ment being seven above the number authorized by
law, some years must yet elapse before any vacan-
cies will occur there.

The outlook for the Navy graduates is decidedly
discouraging. Of the 42 members of class con-
siderably less than half that number can expect
commissions. At the present writing there are just
a dozen vacancies existing in the grade of ensign.
A recent act of Congress assures exactly that num-
ber of appointments to the grade of ensign, so that
all vacancies occurring between now and July 1
may be considered a gain over the legislative en-
actment. About three more are anticipated, which,
in addition to the two appointments in the En-
gineer Corps and one in the Marine Corps, author-
ized by the same act, will insure appointment for
18 of the graduates. Were it not for the Legisla-
ture referred to there would be no appointments to
the Engineer Corps for several years. There are now
about twenty in excess of the number fixed by law.
The Marine Corps has also its full quota of officers,
but through the death of Lieutenant Sutton it has
been reduced to the limit of 75, fixed by the law of
June 30, 1885. The retirement of Colonel T. Y.
Field in August next will open the way for the first
appointment that has occurred since that date. The
Medical Department of the Navy would offer a good
opportunity for some of the surplus graduates were
they equipped for medical examination in medical
knowledge. There are 13 vacancies in the grade of
assistant surgeon. Boards are now setting, one in
Brooklyn and one at the Mare Island Yard, for the
examination of candidates to these places, but from
all accounts some time will elapse before the corps
has its full quota. The pay corps of the Navy is
gradually being reduced to the number allowed by
law, but several years will elapse before an appoint-
ment will be due, unless some unexpected casu-
alties occur. The number of assistant naval con-
structors is unlimited, but there seems to be no
present intention of adding more than one or two
to the list.

THE new military post near Denver, Col., has re-
ceived the official designation of "Fort Logan," in
honor of the late General John A. Logan, who as a
soldier won the distinction, and as a U. S. Senator
was instrumental in securing the establishment of
the post. The Legislature of Colorado had sub-
mitted a petition to the President in favor of "Fort

Denver" as the name for the post. This was denied as against the policy of the Department, and in looking over the names of distinguished soldiers that of General Logan was quite naturally selected. The memory of a hero of the Regular Army is to be honored in the same manner and the new post at Atlanta, Ga., will soon be officially known as "Fort Hancock."

THE bids for the construction of the coast defence vessel were referred by Secretary Tracy to the Chiefs of the Bureau of Steam Engineering and Construction and Repair for recommendation and report. As previously stated in the JOURNAL, the bid of Cramp and Sons for this work was entirely outside the conditions and the specifications. It was on a modified plan, and while the Cramps proposed an increased horse power in two boilers from 1,200 to 1,500, an increase not called for by the specification, they failed entirely to guarantee any horse power whatever for the four remaining, or coil boilers. It is believed that this bid will be thrown out as informal. Of the two remaining bids, that of the Union Iron Works is regular in every respect, and complies with the plan and specifications of the Navy Department without alteration. Its decision as to these bids has been delayed by the illness of Chief Naval Constructor Wilson. As soon as he gets out the matter will be settled. A despatch has been received at the Navy Department announcing that the new cruiser *Baltimore* has been put in the dry dock for a week to have her propeller adjusted. The bottom of the ship was found to be in good condition. As the *Baltimore* is now 10 months behind her contract time, including the extension granted by the Navy Department, it would seem to be that the ship is about due. It is understood, however, that she is far from completion, and it will be at least six months before she is ready to be turned over to the Government.

THE prevention of crime in the Army has ever been a serious question with our military authorities, especially so of late years, and in England the important move made a few years ago in respect to milder punishments for minor offences, especially in the case of young soldiers, has been productive of beneficial results. On this point our London contemporary, the *Army and Navy Gazette*, says:

The shorter terms of enlistment which are now the rule, the effect of universal education, and the popularity of the Volunteer Force have all tended to raise materially the social status of the soldier. On the part of the soldier himself there is a praiseworthy desire manifested to keep clear of the default-book. It is a feeling to be encouraged. The most effectual means of reducing crime, we believe, is to treat first offences in a reasonable and fair spirit. Much can undoubtedly be done by a good commanding officer blessed with tact, in raising the discipline of his regiment. Why should the young soldier be driven when the leading process can, generally speaking, be much more effectually pursued?

The *Gazette* then proceeds to lay down the following undeniable propositions:

Nothing shows the condition of a regiment more unmistakably than the contentment of its rank and file. That commanding officer will unquestionably get most out of his men, in the field as well as in quarters, who has the capacity for teaching them to rely upon and respect themselves. Such a chief will get all done that he wants done without the constant infliction of punishments which are out of proportion to the offences for which they are accorded.

The new departure, in the direction of leniency, has been found to work so beneficially in regiments in which it has been tried under commanding officers of known capacity, that there is everything to justify the assumption that the young soldier of today is an individual who can be influenced easily enough by one who knows how to manage him, as an officer aspiring to a regimental command should.

THE *Sword and Shield*, in an article deprecating profanity and indecency in barrack rooms, suggests several remedies, one of which is to have a "tent erected in the rear of the kitchens on a line with the outhouses, and such men (the blasphemers, etc.) compelled to live there, instead of in the barracks with decent men." This would scarcely be practicable, and indeed, would seem to be unnecessary if a more strict observance was required of the 53d Article of War, which, we imagine, is almost, if not quite, a dead letter. Captains of companies are responsible for the moral, as well as the professional condition of their men, and non-commissioned officers in charge of, or quartered in, squad rooms should be held to a strict accountability in the respect mentioned. A few confinements and

punishments for the offences discussed might put an end to them in course of time.

THE subject of abolishing Sunday dress parades and morning inspections in the Army is still awaiting the action of the President. If the President should regard the matter as of sufficient importance to submit to his Cabinet, some weeks may elapse before a decision is reached. There is little doubt that the dress parade feature will receive his sanction, but the abolition of the Sunday morning inspection and the proposition for a Saturday half holiday have some opponents who are making their views known at the White House. The religious bodies, however, are renewing their efforts to secure the reform since it was announced through the JOURNAL that the matter was receiving consideration.

THE transfer of the State of Wisconsin from the Division of the Atlantic to the Division of the Missouri, ordered this week, will be a convenience to the commanding general of the latter, as he often has occasion to send officers of his command there on business connected with National Guard and other matters, and can now do so officially. The Division of the Atlantic loses nothing except territory by the transfer, as there are no Regular troops in Wisconsin.

THE Second Comptroller of the Treasury has made an important decision touching the right of sea-pay of officers attached to ships but absent in naval hospital or on detailed special service. This decision grew out of the claims of Lieut. C. C. Rogers and Chaplain Wright. In Wright's case the officer was ordered from his ship on the Asiatic Station to the Naval Hospital at Yokohama for treatment. He claimed sea-pay while in the hospital, under paragraph 23 of the Navy Regulations of 1876. "An officer in a hospital on shore," says the Comptroller, "is precisely as much good to the service and to his ship as if he were lying in the sick-bay on his ship, and if it be considered more beneficial to the service that the officer be treated on shore rather than in the sick-bay, he is entitled to no less pay while in the hospital on shore than in hospital on board ship." The Comptroller decided, upon a full review of the Navy Regulations, that the chaplain should be paid his full sea-pay. "But in the case of Lieutenant Rogers," continues the Comptroller, "a different state of facts appears. His absence from the vessel to which he was attached throughout his cruise as intelligence officer covered a period of eight months. The Secretary of the Navy, commenting upon this fact, says: 'The Navy Regulations relating to sea service do not contemplate the absence of officers from the vessels upon which they are serving and their employment on shore, except temporarily. In view of the length of time Lieutenant Rogers was absent from the *Galena* and employed on shore, under the circumstances stated, it cannot reasonably be held that such service was of a temporary character.' Lieutenant Rogers was attached to the North Atlantic Squadron, and during his absence of eight months for which he claimed sea-pay he was performing service in the Navy Department at Washington.

A WASHINGTON despatch says: A number of Government clerks here are talking up a scheme for the establishment of a civil service retired list. The proposition is to create a pension fund by subscription from employees. No appropriation will be asked for. All that is requested is an act to legalize the measure, which proposes to deduct from the pay of every clerk the sum of \$1 monthly for the purpose of establishing a fund from which there shall be paid \$40 per month to one voluntarily retiring after 30 years' service. All clerks who have served 30 years are to be eligible for retirement. Service in the Army or Navy can be added to service in the department. It is estimated that there are between six and seven thousand clerks from whose salaries the proposed deductions would be made, and it has been discovered by careful search that those subject to retirement at the present time would number less than a score. There would, of course, be a material increase from year to year, but the fund proposed would be able to meet all demands.

THE Second Comptroller of the Treasury has under advisement the case of the representatives of Gen. Grant's estate, which involves the Auditor's interpretation of the Supreme Court's decision in the Watson longevity case. The question of limitation of the statutes the Comptroller regards as a very delicate one, and before announcing his decision will devote considerable time to a careful examination of all the laws bearing on the subject.

SOME successful experiments have recently been made in England for the treatment of sewage by electricity which promise to open a new era in the history of the much discussed sewage question. The *Engineer* of March 29, describing the experiment, says: "Running from the shoot, and allowing one hour for settlement in the open tanks, the average of twenty analyses shows that under this treatment raw sewage of a very turbid and opalescent character yields a clear and odorless effluent. Estimated in parts per 100,000, the suspended matter is reduced from 33.35 to 1.56. Nitrogen as free ammonia is reduced from 4.34 to 3.22, and albumenoid matter from 0.5 to 0.2. Chlorine as chlorides becomes 18.62 instead of 21.64, and the oxygen required to oxidize the organic matter becomes 0.52 instead of 1.24. A sample of raw sewage, very turbid and opalescent, and with a bad odor, yielded a clear effluent without odor. The sewage contained 14.52 parts of suspended matter, 5.95 being mineral, and 8.57 organic. In the effluent these quantities became respectively 1.43, 1.06, and 0.43. The free ammonia declined from 3.57 to 2.9, the albumenoid matter from 0.6 to 0.28, and the chlorine as chlorides from 14.61 to 13.30. The oxygen required to oxidize the organic matter was 4.03 in respect to the sewage, compared with 1.34 for the effluent."

THE *United Services Gazette* laments that there is not now a single battery of Horse Artillery ready to take the field in England, and says: "When we find that Austria, who possessed no horse artillery a few years back, thinks it now necessary to reintroduce it, we ought surely to feel uneasy at seeing an arm, which it is admittedly impossible hastily to raise and equip when an emergency may occur, reduced to such a dangerously low standard. When the Germans, who have had more experience of modern war than anyone else, think it necessary and important to keep up a strong force of Horse Artillery—when Prince Kraft, their most able artillery general, and, perhaps, the greatest living authority on the subject, recommends that the whole Corps Artillery of an Army Corps should be composed solely of horse batteries, it is surely wilful blindness on our part to let so valuable an adjunct droop and wither in the way it is doing now before our eyes."

MEMORIAL exercises were held by the New York Legislature for the late General Philip H. Sheridan at the Academy of Music, Albany, on Tuesday evening. General Martin D. McMahon presided. Among the prominent persons present were General Wm. T. Sherman, ex Governor Russell A. Alger of Michigan, Warner Miller, General N. M. Curtis and most of the members of the Legislature. Bishop Mc-Nierney opened the exercises with prayer and then General Wager Swayne, the orator of the occasion, was introduced and delivered a fine address. At its conclusion there were calls for General Sherman. General Curtis introduced him with the remark: "The greatest living General of the world stands before you." General Sherman made a few remarks, as did General Alger. Senator Vedder moved that a vote of thanks be extended to Gen. Swayne, Sherman and Alger, and the motion was carried by a rising vote, the audience cheering enthusiastically.

A FORT NIAGARA correspondent of the *Youngstown News*, in an article on recent desertions, says: "Again we are treated to one of those periodical agonies for which the Canadian press is famous. The subject is, as usual, the United States. This time, however, the papers march forth to champion, not the gentle boddler and the saintly rascalion, but, instead, that down-trodden victim of tyranny—the deserter from the United States Army." "The deserter," says the writer, "can only get sympathy in Canada by a claim of ill-treatment. He acts upon this and, instead of its being remembered against him that he is false to his God and his country, he, instantaneously, blossoms forth into a full fledged martyr with a crown of glory."

At a recent presentation to the German Emperor of officers ordered to the military gymnasium, the Emperor expressed great satisfaction with the performances that he had witnessed and recommended the practice with the bayonet to the special care and attention of infantry officers and said: "As long as any orders had to come from him, bayonet fencing should be kept up in the army, as it tended to develop the offensive spirit and the initiative of the individual, and for this reason every officer should exert himself in his particular sphere to see that a proper understanding should exist in the army of this all-important branch of military education."

THE Fourteenth Annual Reunion of the Association of the 28th and 24th Regiments, Pennsylvania Infantry, and Koep's Pennsylvania Battery, will be held at Gettysburg, Tuesday, May 21, 1889, at which time the monuments of the command will be dedicated.

Of Germany's new Minister of War, General Von Verdy du Vernois, a London despatch to the *New York Times* says: "He is the first of the new generation of German soldiers to come to the front, for he was only a major in the campaign of 1866, and held a position of no great prominence on the general staff in the Franco-German war. He is admittedly the foremost living military writer, and his works on the art of command have revolutionized the strategic teaching of all Europe. He has been the Governor of Strasburg for the past six years, and it was in that capacity that I had the privilege of seeing a good deal of him three years ago. Von Verdy is a stout man of fine figure, not very tall and looking strangely like Grant in face, beard and expression. His selection by the new Emperor for this great post is felt here to be a notable stroke of clever policy, and it is assumed to foreshadow still further progress in the perfection of the German Army as a fighting force. I lay stress upon this appointment because it is probable that Von Verdy will emerge from the next big war with laurels fully equal to those which Moltke earned in 1870."

"MAJOR JONES," in a racy letter to the *Kansas City Times* on the subject, "Canteen v. Post Trader," says: "As a matter of fact, there are no 'camp followers' connected with the Service who deserve more consideration than these traders. As a rule they are generous, open-hearted and accommodating gentlemen, many of them ex-officers or soldiers. The idea is current that such an appointment is a guarantee of a fortune. If such were ever the fact it is no longer so and has not been for many years. Many suppose that the profits are enormous and entirely arbitrary. The supposition is erroneous. I'll venture the statement, after some investigation, that there are more post traders losing money or just holding their own than there are making money."

The detail of Major Davis as Judge-Advocate of the Armes Court-martial has delayed for a further period the promulgation of the order changing the stations of Judge-Advocates, which has been "on the books" for some weeks. Changes may be expected in the order that was originally issued and subsequently suspended. Major Clous, it is thought, will continue as assistant to Col. Lieber and Majors Hunter and Davis, the two recent acquisitions to the corps, will probably be relieved from duty in Washington, the former going to the Presidio of California and the latter to Fort Leavenworth. This is believed to be the way the slate stands at present, but a change may yet be made before the order finally appears.

ACCORDING to a London correspondent a peculiar system of recruiting has been inaugurated by some regiments—"furlough recruiting parties," that is, men belonging to one district are allowed to return home together under the charge of one or more officers, who look after them while they are away and employ them as decoys at public meetings, which these officers address on the advantages of army service. These meetings, especially in Scotland, are frequently presided over by the parish and Free Kirk ministers, and seem to be regarded as quite an agreeable break in the monotony of rural life.

A CORRESPONDENT, speaking of the imposing demonstration of 2,000 British soldiers and sailors, together with officials and army and navy officers, at the funeral of Rear-Admiral Chandler, in Hong Kong, says: Was it not over in those Asiatic waters once upon a time when the raw material for British funerals for her sailors was being produced at rather a lively rate, that a Yankee sailor made some sententious remark about "blood being thicker than water," and rendered a better "turn" than was done at Alexandria, and which, perhaps, has not yet been forgotten in those parts.

A FEW advance copies of the new Army Regulations were received by the War Department from the Government printer this week. The first supply for general distribution will be ready within a week. The new book is about the size of the Army Register. The two volumes, "Troops in Campaign" and the book of forms, which made the old regulations so cumbersome, will appear later. The former is already in type and a Board is now engaged in preparing the blank forms to compose the latter volume.

LIEUTENANT P. W. THOMPSON, U. S. Revenue Marine, contributes to the *New York Sun* an interesting résumé of the work of the revenue cutters from November last to the present month, which he concludes by saying:

The presence of strong, able, well-found cutters constantly patrolling the coast, and always ready to lend assistance where it is needed, mitigates to a great degree the perils of coastwise navigation. This fact is fully appreciated by ship owners and ship masters, and many coastwise voyages are undertaken in winter that would not be attempted were this element of safety lacking.

THE report of the official test of the open hearth steel gun is still before Secretary Tracy, awaiting his action. It will be remembered that while the gun stood the test at the late trial several imperfections were discovered which the Board thought would militate against its acceptance by the Government. It is known that the endorsement of Commodore Sicard, the Chief of the Bureau of Ordnance, was not at all favorable to the final acceptance of the gun. What action the Navy Department will take in the matter is not known, but it is believed that the agents of the gun will be allowed another trial at the Proving Ground, in order to demonstrate their claim that the gun is free from flaws, and fully capable of withstanding the highest service pressure.

THE selection of Captain Joseph A. Sladen, 11th Infantry, for retirement, to fill the vacancy which recently occurred on the limited list, while regarded by some as a departure from the rule that prevailed under Mr. Endicott of retiring officers on the eve of promotion, does not necessarily imply that the custom will be upset. Indeed it is the belief of the officials of the Adjutant General's Office that the rule will be as closely adhered to as formerly. There is still ample time for the retirement of Lieutenant Hugh T. Reed, 1st Infantry, who, it was thought, because of his position at the head of the 1st lieutenants of his regiment, might be selected for the vacancy to which Captain Sladen retired. A vacancy still exists on the limited list so that he could be retired at once if occasion should arise for the promotion of a lieutenant of his regiment.]

SO FAR as we can yet learn, the Regular troops who are to take part in the Centennial celebration at New York on the 30th of April are those at Forts Columbus, Hamilton, Schuyler, Trumbull, Adams, portion of those at Fort Warren, Washington Barracks, Fort McHenry, Fort Myer, and Madison Barracks.

IN an article on the English Naval Programme in *Le Yacht* for April 23, M. Weyl argues that it is not fear of France that is spurring English naval zeal into activity; it is the development of the navies of Italy, Germany, and the United States.

TRIAL OF MAJOR ARMES.

THE court for the trial of Maj. George A. Armes, retired, as finally made up, consists of the following officers: Col. Richard L. Dodge, Edwin F. Townsend, John Mendenhall; Maj. Theo. Schwan, Asst. I. G.; Capt. J. G. Turnbull, John R. Myrick, Greenleaf A. Goodale, Lewis Smith, Frank W. Hess, George S. Anderson, James Parker, James O'Hara, 3d Art., and Maj. Geo. B. Davis, J. A.

Majs. Louis H. Carpenter, H. W. Lawton and John W. Clous, who were at first ordered, were relieved because of their connection with previous trials of Maj. Armes and Capt. Thos. T. Knox to act as counsel for the accused. The charge is conduct unbecoming an officer and a gentleman, the specifications setting forth:

That Armes caused the false arrest of Capt. Bourke by making an affidavit before the judge of the Police Court, and then failed to appear against him; that he wrote a letter to the A. G. O. making false and malicious accusations against Gibson and Bourke of drunkenness and of boisterous and disorderly conduct on inauguration day, and in a newspaper article over his own name, "publicly and maliciously insulting Gibson and Bourke by calling them 'blackguards' wearing the U. S. uniform," and further insulted them by publishing a copy of the letter written by him to the Adjutant General, this being known by Armes to be malicious and false, and made with the dishonorable intent of defaming those officers by false representations; and that Armes did, without provocation or justification, make a cowardly and disgraceful, violent, public assault upon the person of his Excellency James A. Beaver, the Governor of Pennsylvania.

The court convened at 11 o'clock in the old office. In answer to the inquiry whether he objected to any member of the court Armes said:

It seems to me that this summons puts the cart before the horse. I think that Col. Gibson and Capt. Bourke, who first made this assault upon me and caused this whole trouble, ought to be brought to trial instead of me. They have busied themselves with Maj. Clous, who used to be the commander of the Dept. of Texas for Gen. Augur and Col. Barr, who was Secretary of War for Mr. Robt. Lincoln and, have had influence enough with those officers to cause this court to be ordered and have helped them to get up these charges. I know that they have talked about this case a good deal, and if the members of the court have not been influenced by what these officers have said I have no objection to any of them.

LATE ARMY ORDERS.

The leave for seven days granted 1st Lieut. Jonas A. Emery, 11th Inf., Madison Bks., is extended 23 days (S. O. 84, April 12, Div. A.)

Major Anson Mills, 10th Cav., is detailed on special duty at Fort Bliss in connection with geological survey (S. O., April 12, H. Q. A.)

Lieutenant Wm. P. Stone, 2d Art., is assigned to college duty at the University of South Sewanee, Tenn., Aug. 15, relieving Lieut. Edmund K. Webster, 2d Inf. Sick leave is granted Capt. John P. Thompson, 3d Inf., for four months. (S. O. H. Q. A., April 12.)

CAPTAIN HENRY C. COCHRANE, U. S. M. C., and the detachment of marines detailed for duty at the Paris Exposition, consisting of 30 picked men from the Boston, New York, Philadelphia and Annapolis stations, will leave New York on Saturday afternoon, April 13, for Havre by the steamer *La Gascogne*. Capt. Cochrane will be accompanied by his wife and child, and by 1st Lieut. Paul St. Clair Murphy, U. S. M. C.

(Correspondence of the Army and Navy Journal.)

WEST POINT, N. Y.

APRIL 11, 1889.

AT artillery drill, on Thursday, a 4½-inch Parrott 32-pounder, in the siege battery, exploded. The gun broke at the trunnions into eight large pieces and a lot of fragments. The carriage was badly wrecked. Cadet White, 3d Class, was struck in the head by a splinter and carried to hospital. Two other cadets were slightly injured.

The following were among the selections given at the cadet concert last Saturday evening: Selection from "Lohengrin," Wagner; "Mendolin," Polka, Resch; Waltz, "Toujours Fidele," Waldenfel; Fantasia, Tenor Horn Solo, Franke; Musician, Buchar and Pot-pourri, "A Night in New York," introducing the popular songs of the day, by Brooks. The last mentioned has been given before at concerts during the winter, and is very amusing. As the indoor concerts are discontinued when the Saturday afternoon serenades begin, it is not probable that many more of the former will be given. A pleasant little cadet party was given by Mrs. Pettit last Saturday evening.

On Tuesday morning Prof. Michie delivered a lecture on "Light." A lecture in continuation of the same subject will be given on Friday morning, if the weather permits, the sun-light being necessary for the experiments connected with the lecture. About forty persons were present on Tuesday morning, and were evidently much interested in the lecture. Many beautiful experiments were shown.

Lieut. Biddle returned last week from leave. The family of Capt. Scott has arrived at the post.

The funeral of Private Fuller, Engineers, which took place Saturday afternoon, was attended by Hyder Post, G. A. R., of which the deceased was a member.

Owing to the violent storms encountered on the passage, the vessel in which Captain Black sailed from St. Augustine was delayed several days. The funeral of Mrs. Black, which was to have taken place on Monday afternoon, was, in consequence, postponed until Wednesday morning at 11 o'clock.

Among visitors during the past week, a number of whom are still here, the following may be mentioned: Miss W. Lee, at Lieut. Ellis's; Miss Johnson, at Lieut. Lundeen's; Miss Mattie Scott, at Lieut. Pratt's; Lieut. Colonel J. A. Smith, at Miss Bernard's; Capt. W. R. Smedberg, retired, and Mrs. Smedberg; Mrs. Alexander Rodgers, and Lieut. Henry H. Wright, 9th Cav., at the hotel, and Mr. W. Alvord, who is visiting his brother, Lieut. Alvord.

The members of the First Class now serve in turn as adjutant at evening dress parade now, and are watched with interest, especially by the private.

Candidates for admission to the West Point Military Academy in June were designated this week as follows:

Robert Burns Moir, Scranton, Pa.
Verling K. Hart, Buffalo, Wyoming.
Hogden J. Rice (Alt.), Embury, Wyoming.

CAPTAIN C. L. HEIN, U. S. A., has arrived safely at Vienna, for duty at the U. S. Legation.

CAPTAIN J. W. SUMMERHAYES, U. S. A., and family are at Nantucket, Mass., where they will spend the summer.

LIEUTENANT J. A. EMERY, 11th U. S. Infantry, of Sackett's Harbor, N. Y., was called this week to Scotland, Indiana, by the serious illness of a near relative.

CAPTAIN WM. T. SAMPSON, Superintendent of the Naval Academy, read a paper on "Coast Defences" before the Naval Institute at Annapolis on Thursday evening.

CAPTAIN SELDEN A. DAY, U. S. A., 5th Artillery, is reported to have been quite seriously ill from pneumonia in Florida, where he has been on sick leave with Mrs. Day.

LIEUTENANT-COLONEL L. R. L. LIVINGSTON, 3d U. S. Art., has been much benefited by his stay at Hot Springs, Ark., and will remain there under treatment a few weeks longer.

CAPTAIN C. S. ROBERTS, 17th U. S. Inf., staff officer of old to General Crook, has again reported to his former chief for duty at the Headquarters Division of the Missouri in Chicago.

THE proceedings of the Court-martial in the case of Major Lydecker are undergoing review at the hands of the Acting Judge Advocate General. The opinion still prevails that the sentence of the Court is suspension, probably one year on half pay.

SINCE the advent of the new Administration strenuous efforts are being made by the friends of ex-Surg.-Gen. Wales for a remittance of the unexpired portion of the sentence of suspension by the Court martial in his case. It is said that the President has authorized an official statement of the case made in order that he may consider it. If the sentence is allowed to run Dr. Wales will not be eligible for duty until Aug. 1, 1895.

THE following Army officers registered at the War Department this week: 1st Lieut. Edw. Burr, Engz.; Lieut.-Col. W. Winthrop, J. A. Gen.; Colonel Theo. Yates, ret.; 1st Lieut. Geo. K. McGunagle, 15th Inf.; Capt. C. C. Morrison, Ord.; Col. E. L. Abbott, Engz.; Col. Henry W. Closson, 4th Art.; Lieut.-Col. A. Mordecai, Ord.; Capt. G. A. Goodale, 23d Inf.; 2d Lieut. C. C. Gallup, 5th Art.; 2d Lieut. Geo. B. Duncan, 9th Inf.; Capt. J. R. Myrick, 3d Art.

LIEUTENANT JOHN F. PARKER, U. S. N., will accompany the Samoan Commission, which sails from New York on Saturday, in the capacity of secretary. He has been attached to the Adams for three years, and it is expected that his knowledge of Samoan affairs, acquired during the stay of the Adams at Apia, will be of assistance to the Commission. Lieut. B. H. Buckingham, now naval attaché at the U. S. Legation at London, but lately attached to the Berlin mission in a similar capacity, will join the Commission at Berlin and also act in the capacity of secretary. John S. Butler, a messenger in the State Department, has been designated to accompany the Samoan Commission as a messenger.

PHILO REMINGTON, the oldest of the three sons of Eliphalet Remington, founder of the great small arms industry at Ilion, Herkimer Co., died at Crystal Springs, Fla., of bilious fever, on the morning of April 4. His interment at Ilion, on the afternoon of Tuesday of the present week, was the occasion of an extraordinary exhibition of popular mourning. Mr. Remington was born in the town of Litchfield, now known as Ilion, in 1816. His father dying in 1861 he succeeded to the control of the business, and in 1864 organized with his two brothers the company of E. Remington and Sons, of the practical conduct of which he was the head up to the liquidation of the establishment in 1886.

THE STATE TROOPS.

THE CENTENNIAL PARADE.

The official programme provides that on April 29 President Harrison will be rowed ashore from the U. S. S. *Despatch*, to the foot of Wall street, by twelve American shipmasters, members of the Marine Society, accompanied by a coxswain, in a large, old-fashioned barge, as nearly as possible as the thirteen earlier members of their society landed Gen. Washington one hundred years ago, and they will carry the same banner now as was borne a century ago. The names of the present crew are Captains G. D. S. Trask, James Parker, Duer, Albert Spencer, George A. Dearborn, Benj. F. March, Stephen Whitman, Samuel Y. Fairchild, Richard Luce, Geo. L. Norton, Wm. Urquhart, Wm. A. Ellis, and Ambrose Snow, coxswain.

A committee, consisting of Major Asa Bird Gardiner and Capt. Henry Erben, have waited on the Admiral of the Navy to invite him on behalf of the committee to act as grand marshal of the naval display, and Admiral Porter has accepted.

The procession to the Equitable building, where a reception will be held from 2.30 to 3.30 P. M., will be formed as follows:

Brevet Lieutenant-Colonel Floyd Clarkson, Marshal.
Band 5th Regiment U. S. Art.
Three foot batteries 5th U. S. Art., Major Tully McCrea commanding.
Detail of 50 members New York Commandery of the Loyal Legion of the United States, Senior Vice Commander William C. Church commanding.
Commanders of Posts of the Grand Army of the Republic in counties of New York and Kings.
Canada's Band.

Uniformed battalion of Veterans 7th Regt. N. G. S. N. Y., Gen. H. E. Remain commanding.

Uniformed Veteran Militia Associations of New York and Brooklyn.

Band of the General Service U. S. Army.

Society of the Sons of the Revolution.

The General Committee of the Centennial Celebration.

The President of the United States, the Governor of the State of New York, the Mayor of the city of New York, and Hon. Hamilton Fish, president of the committee, flanked by the barge crew from the Marine society of the Port of New York.

The Vice President: Lieutenant-Governor of New York; Members of the Cabinet; Judges of U. S. Courts; Governors of States, and Representatives of the U. S. Senate and House.

The Admiral of the Navy, General Sherman, the Major-General commanding the Army, and officers of the Army and Navy, who by name have received the thanks of Congress.

The official representation of the Society of the Cincinnati.

Judges of N. Y. Courts; N. Y. Legislature and State officers; Aldermen and heads of departments of New York, and Mayor and Aldermen of Brooklyn.

The foreign Consuls at New York and officers of the Army and Navy of the United States.

Invited guests, without special order of precedence.

A reception will be held by the President at the City Hall from 4 to 5.30 P. M., a representation of girls from the public schools welcoming him there. In the evening follows the ball at the Metropolitan Opera House.

TUESDAY, APRIL 30.

9 A. M.—Special Thanksgiving Services in the churches, the President attending at St. Paul's.

10 A. M.—Exercises at the Sun-Treasury—Invocation by the Rev. Richard S. Storrs, D. D. LL. D.; poem by John Greenleaf Whittier; oration by Chauncey Mitchell Depew, LL. D.; address by the President, and benediction by the Archbishop of New York.

While the literary exercises are taking place the military will move from the head of Wall street and Broadway. The column, under Maj.-Gen. John M. Schofield, U. S. A., as chief marshal, will be composed of the cadets from the Military Academy of West Point, the naval cadets from Annapolis, the troops of the Regular Army and Navy and the National Guard of each State in the order in which the States ratified the Constitution or were admitted into the Union. These will be followed by the Military Order of the Loyal Legion and the posts of the Grand Army of the Republic.

6.30 P. M., Centennial banquet at the Metropolitan Opera House; 8 P. M., open-air concert at Madison Square and general illumination and display of fireworks at ten or a dozen different places.

WEDNESDAY, MAY 1.

The industrial and civic parade, under command of Maj.-Gen. Daniel Butterfield, late U. S. V.

WEDNESDAY, MAY 2.

Closing of the loan exhibition of historical portraits and relics in the assembly rooms of the Metropolitan Opera House, which opens April 17.

Officers of the Army and Navy and persons occupying official positions are requested to appear in full uniform.

The naval parade on April 29 is to be reviewed by the President, and will accordingly be under the Admiral of the Navy as grand marshal.

The civic and industrial parade of May 1 will be under Maj.-Gen. Daniel Butterfield, late U. S. V. Volunteers, as grand marshal.

Admiral Porter has informed the committee that the following U. S. vessels will take part in the display: The new cruiser *Chicago* will carry the flag of the Secretary of the Navy; the cruiser *Boston* will bear the Admiral's pennant; the *Atlanta*, the *Minnesota*, the *Yorktown*, the *Juniata*, the *Yantic*, and the schooner *St. Mary's*. The Admiral intimates that perhaps some other war ships will be ordered here if possible. The men of war will escort the *Despatch*, the President's boat, from the entrance to New York harbor.

Commodore Gerry, on behalf of the New York Yacht Club, announced that his flagship, the steam yacht *Electra*, would lead the squadron of the yacht club and visiting yachts, and would be at the disposal of the committee.

Arrangements have been made with the authorities at the Navy Department to have as many as possible of the crews of the men of war to come ashore and take part in the military demonstration of the 30th.

The art exhibition will contain a surprisingly large number of revolutionary portraits and relics. A number of cases for the exhibition have been loaned by the Metropolitan Museum, and these will be filled with revolutionary documents. In one case revolutionary plate to the value of \$50,000 is on exhibition, to say nothing of the historic interest and value. The 10,000 tickets for different stands are in great demand, and at this writing probably all have been sold. It has been advocated by some that the route of the parade should be changed so as to keep entirely on Broadway, on the plea that the present route favors the aristocracy. This, of course, is nonsense, as people who view the parade

from the sidewalks can really do so better on 5th avenue than they can on Broadway, as on the former are many troops which will be occupied by, who gets first, and there is an entire absence of such facilities for the people on Broadway. The latter street, with four car tracks the entire route, would also be a great nuisance to the troops. The Old Guard of New York, it is reported, have been granted permission to parade with the military by Governor Hill. There is great joy in their camp in consequence. The Washington Light Infantry of Charleston, S. C., who will take part in the parade, will march under the original crimson battle flag of Col. William Washington's cavalry. This flag was actually in the battles of the Cowpens and Eutaw Springs, and is the only Revolutionary standard extant in a condition for use in a parade. The committee will provide a flag for each State in the parade, on which will be plainly lettered the name of the State, so that the representatives of each particular State can easily be recognized. It will probably be arranged so that the entire military parade will pass City Hall, by massing all the troops in the side streets below that point.

The order in which the States will march, as announced heretofore, will be in the order in which their representatives signed the Constitution. The States, with their Governors and troops that will accompany them, as far as has been designated, and their order in line, is as follows:

1. Delaware—Gov. B. T. Biggs and staff; 1st Regt., and Troop B. 1st Cav., 700.
2. Pennsylvania—Gov. J. A. Beaver and staff, and entire Guard, some 8,900.
3. New Jersey—Gov. R. S. Green and staff, and entire Guard.
4. Georgia—Gov. J. B. Gordon and staff, and 100 troops yet to be designated.
5. Connecticut—Gov. M. G. Buckley and staff; 4th Regt., and Governor's Foot Guard.
6. Massachusetts—Gov. O. Ames and staff; 1st and 2d Corps of Cadets; 5th Regt., and Ambulance Det.
7. Maryland—Gov. E. F. Jackson and staff, and 5th Regt.
8. South Carolina—Gov. J. P. Richardson and staff; Governor's Guards; Richard Volunteer Rifle Co., and Washington Light Infantry.
9. New Hampshire—Gov. C. H. Sawyer and staff, escorted by the Amoskeag Veterans, numbering 100 men, followed by the 1st Brigade, some 1,200 men, with probably a battery.
10. Virginia—Gov. Fitzhugh Lee and staff; Troop A, 1st Battalion of Cavalry; five companies from 4th Regt., of Norfolk; one from 1st Regt., Richmond; two from 3d Regt., Culpepper; two from 2d Battln. of Inf., Winchester, and probably Bats. A and C, 1st Battln. of Artillery.
11. New York—Gov. D. B. Hill and staff and entire Guard.
12. North Carolina—Gov. D. G. Fowle and staff; Co. C. 1st Inf.; Co. B. 2d Inf. and Co. C. 4th Inf.
13. Rhode Island—Gov. R. C. Taft and staff and a Provisional Battalion numbering some 450.

The remaining States in the order they were admitted to the Union and the latest advice as to their representation is as follows:

14. Vermont—Gov. E. J. Ormsbee and staff and entire Guard.
15. Kentucky—Gov. S. B. Buckner and staff; Louisville Legion, 1st Regt., numbering some 350.
16. Tennessee—No advice.
17. Ohio—Gov. J. B. Foraker and staff and some 3,700 troops not yet designated.
18. The Legislature, through one of its branches, has passed a bill to send a part of the Guard to New York, but until the bill becomes a law it is impossible to know what organizations will take part. The bill is expected to pass this week.
19. Louisiana—No advice.
20. Indiana—No advice.
21. Mississippi—Gov. R. Lowry and staff and, probably, one division.
22. Illinois—No advice.
23. Alabama—No advice.
24. Maine—Gov. E. C. Burleigh and staff; no troops.
25. Missouri—Gov. D. R. Francis and staff and Marmaduke Guards, 3d Regt., of Kansas City.
26. Arkansas—No advice.
27. Michigan—Gov. C. C. Luce and staff and some 400 troops not yet designated.
28. Florida—Gov. F. P. Fleming and staff; Orlando Guards and De Land Rifles, 200.
29. Texas—No advice.
30. Iowa—No advice.
31. Wisconsin—No advice.
32. California—No advice.
33. Minnesota—No advice.
34. Oregon—No advice.
35. Kansas—Gov. L. U. Humphrey and staff, and some 100 troops not yet designated.
36. West Virginia—Gov. E. W. Wilson and staff, and 1,500 troops not yet designated.
37. Nevada—No advice.
38. Nebraska—No advice.
39. Colorado—No advice.
40. Washington—No advice.
41. Dakota—No advice.
42. Montana—No advice.
43. District of Columbia—1st Battalion, Washington Light Infantry, four companies; Co. B, 3d Battalion.

Since last week's report, advices from General Headquarters, State of New York, announce that changes in the assignments of separate companies have been made as follows: The 13th (Jamestown) and 43d (Olean) will be attached to the 65th Regiment. The 34th (Geneva), 1st (Ponn Yac) and 42d (Niagara Falls), to the 74th Regiment. The 33th (Elmira) will be attached to the 4th Provisional Regiment.

Battery D, of Toledo, Ohio, Capt. O. J. Hopkins, is among the Ohio troops who will take part in the parade. This battery is perhaps the finest exponent of the Gatling gun, the manual for which has been revised and perfected by Captain Hopkins. The battery musters altogether some 60 men. On their trip to New York the company will have their own two Gatlings and two additional pieces of the same kind from Cincinnati.

With the exception of surgeons and assistant surgeons, the Band and staff of the 65th Regiment, N. Y., and the Provisional Battalion of the 4th Brigade have been selected by Lieut.-Col. Robie and Colonel Welch. The 65th Regiment, at the New

York parade, will be officered in field and staff as follows: Colonel—Lieut. Col. Robie. Lieutenant-Colonel—Major Parsons. Major—Captain Henry A. Menker, supernumerary. First Lieutenant Albert J. Myer, Co. A, Adjutant. Captain Francis Laddell, D. D., Chaplain. First Lieutenant Harvey W. Putnam, Quartermaster. First Lieutenant Oren G. Nichols, Commissary.

The field and staff of the 4th Provisional Regiment of the 4th Brigade will be:

Colonel—Samuel M. Welch, Jr., colonel 65th Regiment.

Lieutenant-Colonel—Maj. Nathaniel Rochester, inspector 4th Brigade.

Major—Maj. James Bacon, supernumerary, Syracuse.

1st Lieut. Wm. H. Chapin, adjutant, adjutant 65th Regiment.

Capt. Geo. J. Metzger, I. R. P., 65th Regiment, Quartermaster.

1st Lieut. Edward M. Hoffman, 30th Separate Co., Elmira, commissary.

On Sunday afternoon, April 28, Col. Welch will give his Provisional Regiment a battalion drill at the ball grounds in Syracuse. The band for the regiment has not yet been selected.

The Washington Light Infantry, of Washington, D. C., who will be the guests of the 13th Regt. N. Y. during the Washington Inauguration Centennial celebration have notified Col. Austen that they will arrive in Brooklyn, N. Y., on Sunday afternoon, April 28. A committee of officers will probably receive them. The Light Infantry will be quartered in the Hanson place armory until Wednesday, May 1.

The committee of the Ancient and Honorable Artillery Co., of Boston, has arranged with the Fall River line to send a transfer boat to an uptown street on the day of the grand parade. Thus, when the corps leaves the procession, it will march directly to the boat and be taken to the Fall River pier, where it will board the steamer for home.

The four companies of the 5th Inf., M. V. M., that are to go to New York by rail will leave Boston on Sunday evening, April 28, at about 10.30 o'clock.

Returning, they will reach Boston ahead of the troops returning by steamer, and will breakfast at the expense of the State. After breakfast they will march to the Old Colony depot, meet the balance of the party and assist in escorting the Governor to the State House.

Battery A, 1st Artillery, Richmond Howitzers, Va., will be the guests of the 71st N. Y., and will probably be received by a volunteer escort from the regiment. An entertainment of some sort is also likely to be provided for.

The Board of Inspection and Survey, of which Admiral Jouett is President, is to be officially present at the Celebration at New York on April 30, and the Commandant at the New York Navy Yard has been instructed to send all of the vessels in commission to an anchorage in the North River.

G. O. 14, General Headquarters, State of New York, A. G. O., April 5, 1889, publishes the detailed instructions relating to the parade of the National Guard on April 30 in New York City. Among other things the orders state that:

Full dress uniforms will be worn, unless the weather requires overcoats, in which case orders to that effect will be sent early on the morning of April 30. With overcoats, as well as with dress uniforms, black helmets will be worn.

All officers (except mounted officers) and all enlisted men will wear the white canvas leggings recently issued.

Each regiment and battalion will be divided into companies, formed in double rank, of twenty files front, exclusive of the guides.

Commanding officers will permit no one to parade with their commands except officers commissioned and men regularly enlisted therein, or who may be assigned or detailed thereto.

Recruits, and men not well instructed, will not be permitted to accompany their commands.

The 17th Separate Company will be attached, for the parade, to the 4th Regiment.

The composition of the 3d and 4th Brigades and the provisional regiments, and the commanding officers thereof, and other details, are substantially the same as published in the number of the JOURNAL (April 6), with the exception that the 13th and 43d Separate Companies will be attached to the 65th Regiment, the 34th, 1st, and 42d to the 74th Regiment, and the 30th Separate Company to the 4th Provisional Regiment.

The 2d Provisional Regiment will be concentrated at Albany the forenoon of April 29, and will with the 10th Battalion take the steamer *Grand Republic* for New York City.

The quarters of this portion of the 3d Brigade will be on the boat, which will be considered a military post, while thus occupied, commanded by Col. Bacon, subject to the orders of the Brigade Commander. The steamer will be required to land at New York City, at the foot of 50th street, North River.

The 1st and 3d Provisional Regiments, the 6th Battery, and the headquarters of the 3d Brigade will proceed to New York City by rail, so as to arrive there at the armory of the 12th Regiment about noon of April 29. Brig.-Gen. Amasa J. Parker, Jr., will be in command, and will cause this portion of his brigade to march on the morning of April 30, aboard the *Grand Republic*, preparatory to starting with his entire command for the point of rendezvous for the parade.

The 4th Brigade will be transported to New York City by rail, so as to arrive there about noon of April 29. Its quarters will be at Madison Square Garden, which, while occupied by the troops, will be considered a military post, under the command of Brig.-Gen. Peter C. Doyle.

The troops of the 3d and 4th Brigades will carry with them knapsacks, haversacks, and canteens, and the full dress coat and fatigue cap will be packed in the knapsack, overcoat on top. On the journey fatigue coats will be worn.

The management of the transportation provided, and the whole charge of the subsistence of their troops, is left to the respective brigade commanders, who will see that the troops of their commands are promptly returned to their respective stations as soon after the close of the parade as possible.

The Chief of Ordnance, as Acting Quartermaster-General, will, on the arrival of the troops, cause to be turned over to their respective commanding officers, at Madison Square Garden, 2,000 mattresses and blankets; at the armory of the 12th Regiment, 1,700 mattresses and blankets, and on board the steamer *Grand Republic*, 1,300 mattresses and blankets.

He will also turn over the necessary colors, guidons, and markers' flags to the commanding officers of the 1st and 3d Provisional Regiments, at the armory of the 13th Regiment; to the commanding officer of the 2d Provisional Regiment, on board the *Grand Republic*; to the commanding officer of the 4th Provisional Regiment, at the Madison Square Garden.

As soon as the necessity for the use of these articles ceases to exist, the commanding officers will cause them to be returned to the Chief of Ordnance, who will have officers of his department on hand to receive them; those on board the *Grand Republic* will be received on its return from Albany.

Commanding officers of brigades will be held responsible for the proper execution of this order, and the maintenance of good order and discipline.

All officers will be required to remain with their commands.

other way could we have obtained so much good at so little cost."

It is further recommended that application be made to the Secretary of War for the detail of an officer of the regular establishment—preferably one who is recognized as an expert in rifle practice—to inspect the camps of the National Guard to be held next summer. That there is no mystery in the management, instruction, and discipline of a National Guard company or regiment, that cannot be satisfactorily solved by any active, intelligent, industrious business man who loves his work, has been amply demonstrated by the experience of many of our National Guard officers. Hence, as a rule, it is believed the best policy to insist that all the work of instruction and discipline of the State force should be performed by the proper officers of the several organizations. They must do the work in active service, and should do it on ordinary duty.

NEW JERSEY.

An Inter-State and United States Army Military Match will take place at the New Jersey State Rifle Range, upon the State Camp Ground, Sea Girt, New Jersey, Sept. 1, 1889. The terms, conditions and general regulations of the match are as follows: Open to one team from each State or Territory in the United States, and one team each from the Army of the United States, stationed within each of the three military divisions, Atlantic, Pacific and Missouri (three teams in all), consisting of twelve members of the regularly organized and uniformed National Guard or Militia of such State or Territory, or of the Army of the United States, chosen in such manner as shall be prescribed by the military authorities thereof. They shall appear in the uniform of their corps. Distance, 200 and 500 yards. Position at 200 yards, standing; at 500 yards, prone. Weapon, any military rifle which has been adopted, authorized or issued as an official arm by any State, or by the United States. In cases where the State has adopted no particular model (which must be certified to by the Adjutant General), the team shall be allowed to use the rifle in use by the Regular Army of the United States, or by the uniformed militia of any other State. Rounds, ten at each distance.

To the team making the highest aggregate score a suitable trophy will be presented by the Governor and Commander-in-Chief, in behalf of the State of New Jersey, and to be held by the Adjutant General of the State or Division whose team may win it. Also a medal to each member of the winning team. Entries must be made at the office of the Inspector General of Rifle Practice, Trenton, N. J., prior to Aug. 1, 1889. The range will be open for practice for twenty days prior to the match.

The State of New Jersey will furnish camp equipment, quarters, coats and blankets and cooking utensils, for a period of twenty days, to all teams who regularly enter in the match, without charge, and will also supply, for the purpose of practice, ammunition suitable for the United States Model Springfield B. L., 45 calibre, at cost.

This match is not intended to interfere with the regular fall meeting of the National Rifle Association, at Creedmoor, and the date will be carefully arranged to that end.

MASSACHUSETTS.

MAJOR FROST has finally decided upon the date for the rifle competitions, to enable him to choose the balance of the team which is to visit England in June. The following notice has been sent to every militia organization in the State: Competitions for three places on the M. V. M. rifle team to England will be held on Friday, April 19; Monday, April 22, and Saturday, April 27. Any officer or man who was a member of the militia prior to March 1, 1889, is eligible. Distances, 200, 500 and 600 yards; position, off-hand at 200, arm at 500 and 600 yards. All competitors will provide their rifles (Springfield) and ammunition. All candidates must take part in each competition, and those selected must be prepared to devote at least one day (for team practice) each week during May and June up to the day of departure for England. The drill report of the 1st Infantry for March is appended:

Company.	Officers and men on rolls.	Average at drill.	Drills in month.	Hours of drill.
A	62	50	4	74
B	62	51	4	64
C	62	58	4	74
D	60	51	4	44
E	62	53	4	64
F	50	38	3	39
G	61	55	4	7
H	61	58	4	7
I	61	52	4	5
K	57	45	4	74
L	58	48	4	84
M	61	54	4	64
Total	717	50%	47	764

CALIFORNIA.

Steps are being taken by the citizens of Vallejo toward organizing a military company. Seventy-five names have already been attached to the proposed company's roll. The citizens of Marysville are also anxious to be allowed a representation in the National Guard, and are organizing a company for that purpose.

VARIOUS.

We have received from Capt. L. T. Steward, recording secretary National Guard Association of Illinois, a copy of the proceedings of the 8th annual convention of the association, held in Chicago Nov. 21 and 22. It is a very interesting document, and contains among other things essays by Louis L. W. V. Kennon, L. D. Green, and Philip Reade, U. S. A.; Col. C. R. E. Koch, Capt. L. T. Steward, and Capt. T. E. Brown, Ill. Nat. Guard.

Affairs in militia circles of St. Louis, Missouri, are just now in a very uncertain condition. The cavalry company has gone to pieces and the infantry and artillery companies have no means of obtaining enough money to keep them going.

Referring to the Centennial Parade in New York City, April 30, the Buffalo Courier wisely remarks: "The lieutenant who, in marching in the review in New York, on April 30, should remember to salute President Harrison, who will be the reviewing officer. Too often the subalterns, in passing in review, fail to salute, merely because they happen to march in the rear of the companies. This omission has occasionally occurred in both the 65th and the 74th regiments, and it is a point in military etiquette which should be borne in mind."

Lieut. W. R. Hamilton, U. S. A., will lecture before the 33d Separate Company, Hoesick Falls, April 19; 18th Separate Company, Glens Falls, April 22, and the 10th Battalion Albany, April 25. The Albany Argus, in referring to the lectures of the lieutenant, says: "He still persists in performing his tour of 'duty' in indifferent citizen's attire, and in giving his oft repeated, alleged lecture on 'How to get on and off a train.' At Albany, Oneonta and Rhinehampton he pronounced each company as the best in 3d Brigade, a statement which seems to smack of 'buffs' and stereotyping. This speech is all very pleasant and would be gratifying but for its frequent recurrence. In a conversation recently he pronounced the Albany officers as 'hot-headed cranks.' It is, however, a shrewd doubt, that perhaps these same 'hot-headed cranks' might be able to give him some valuable hints."

Poughkeepsie, N. Y., has a military company composed entirely of girls and drilled by Major Haubenestel, 19th Separate Co. The young ladies in every instance belong to the best families in Poughkeepsie. They organized last December, adopted a natty uniform, and now number 62. They are bright and quick to learn, and Major Haubenestel declares them easier to instruct than any body of men that he has had in charge during his military experience.

The Savannah Guards Battalion lost their handsome brick arsenal during the fire which raged last week in Savannah, Ga.

The commander of the 14th Regt., N. Y., appointed a Delinquency Court for the trial of enlisted men, of which Capt. Crane was president. Among the cases presented was that of Pvt. F. Soer, Co. K, who owed \$1.25 for company dues and fines. Pvt. Soer was summoned before the court, but failed to appear and was sentenced to pay for absence and for non-payment of company dues and fines—in all, \$13.25. Pvt. Soer sued out a writ of certiorari with a stay, and after this he was arrested by Marshal Jennings, but was discharged the same day on a writ of habeas corpus. Marshal Jennings was called on to answer for contempt in having arrested Soer in spite of the stay. Judge Pratt, of the Supreme Court, however, exonerated the marshal from that charge. The matter will now be fully examined in the Supreme Court on the writ of certiorari.

It is now stated on authority that the camp of instruction at Peekskill, N. Y., will be open this season as usual, and the contemplated improvements which would necessitate the closing of the camp all summer will be made, probably, next year.

The 47th N. Y. will assemble at the armory, in fatigue uniform, for instruction in aiming and sighting and gallery practice, as follows, viz: Cos. A and B, Mondays, April 15 and 22; 1 and E, Tuesdays, April 16 and 23; A and G, Thursdays, April 18 and 25; K and D, Fridays, April 19 and 26. Capt. A. G. Brown, I. R. P., is detailed as instructor. Capt. Franklin P. Swasey, Co. F, has been commissioned.

Much dissatisfaction has been occasioned among the officers of the different regiments of the N. Y. National Guard by the order recently issued at Albany requiring them to provide themselves with new regulation overcoats. Very few of the officers have supplied themselves with them although orders to this effect were issued some time ago. The parade of April 30 has awakened interest in the matter. Quite a number of officers are firm in the opinion that some provision should be made to supply them with new coats as well as the enlisted men. Many of the officers who have been elected within a year purchased overcoats before the new orders were issued, supplying themselves with the patterns then worn by the organization in which they were elected, and now to be compelled to lay out an additional sum on another coat is considered anything but pleasant.

Brig.-Gen. Ferdinand P. Earle, Chief of Artillery, N. G. S. N. Y., has accepted a review from Capt. Henry S. Rasquin, comdg. 3d Bat., 2d Brig., N. G. S. N. Y., at the battery's armory, Brooklyn, Monday evening, April 22, at 8 o'clock. Gen. Earle will also make a personal inspection of the arms, equipments and other public property. The closing battery drill of the season will take place the same evening.

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scribed in Par. 183, and under its provisions a junior officer, in case cited, should take his place in the line of officers, when ranks are opened.

FOREIGN ITEMS.

It is not good news that Russia has lately been pressing the Turkish Government for the payment of the war indemnity, long overdue.

PRINCE KRAFT ZU HOHENLOHE INGELFINGEN says: "In our later wars the pursuit by cavalry came to a stop as soon as they lost the certainty that they were followed by the infantry."

THE reserves of the German Regiment of Hussars of the Guard and of other regiments were assembled with the 1st and 3d Uhlans of the Guard on April 1 to be instructed in the use of the lance.

ON a recent trial H. M. S. *Medusa* and *Magicienne* scored 18 knots, equivalent to a sea speed of less than 16 knots. It is believed that equally good results could have been obtained with 7,000 h. p. in place of the 9,000 used.

TAKING into consideration that the indemnity paid by France to Germany after the war of 1870-71 amounted to five milliard francs, it follows that if it is now to be paid at the rate of five francs—a sum \$1—for every minute since the beginning of the Christian era up to date, that sum would not have been paid yet at the present time.

THE first railway in Persia, from Teheran to Mah-moud-Abasum, is finished and in working order.

ONE HUNDRED AND FORTY Aleutians have been fined 600 marks each for failing to report for service in the German Army.

THE *Army and Navy Gazette* states that there is not the slightest foundation for the report that the Duke of Cambridge has it in contemplation to resign his position as Commander-in-Chief of the British Army. His Royal Highness is enjoying excellent health, is full of vigor still, notwithstanding his advancing years, and it is the earnest hope of the army, says the *Gazette*, that he may long continue at its head, for no one has done more than he has to raise its tone, promote its welfare and support its best traditions.

THE *Army and Navy Gazette* shows that Mr. Stanhope's statement that England could meet an invading army with two army corps of 80,000 regulars, backed by 100,000 militia and by the volunteers is totally at variance with facts. It says: "On paper we have a formidable force enough. But paper men, armed with paper muskets and possessed of only paper equipments, are of little use, it is to be feared, for the purposes of modern warfare, even under circumstances which those of the Lawson school of politics imagine to be so remote as the invasion of our shores by a well organized foreign army."

THE German Navy Bill has become law. Prince Bismarck in person in the Reichstag supporting the proposal of applying to the navy the system in vogue in the army, viz., of placing an admiral-in-chief at the head of the navy, as the general-in-chief was at the head of the army, the supreme command of both branches being, of course, the Emperor, who is himself in favor of the proposed alteration.

THE officers and men of the wrecked man-of-war *Sultan* will be tried by court-martial on board the old *Victory* at Portsmouth. The list includes the names of all the officers and seamen who were on duty at the time the vessel struck, including that of Capt. Earnest Rice. The seamen were those who had stations connected with the sounding and steering. It is stated that by some strange mischance (for which the Admiralty Hydrographer's Department will have to account) the charts of Malta and Gozo supplied to the *Sultan* had not the rock marked on which she ran, while the rock is marked on the charts of the Admiral Superintendent at Malta. A chart also exists, dating back to Nelson's time, which shows the rock. The ship's carpenter has since the accident sounded around the rock and found it to be not wider than the beam of the *Sultan*. It is apparently a pyramidal rock, of a similar character to the one off Galita, on the north coast of Tunis, on which the paddle frigate *Avenger* ran early in 1848 and foundered with a sad loss of life.

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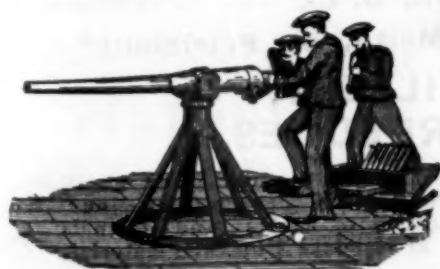
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FRENCH MILITARY MANOEUVRES.

The French Minister of War has decided that the autumn manoeuvres of the army shall take place in the following order: The Sixth and Eighth Corps, headquarters at Chalons and at Bourges, are to extend general manoeuvres over a period of three weeks, including the time for concentrating and disbanding the forces. The First, Fourth, Fifth, Seventh, Ninth, Tenth, Twelfth, Thirteenth, Seventeenth and Eighteenth Corps are to execute divisional manoeuvres of the same duration. With regard to the cavalry, the Second and Fourth Independent Divisions, as well as the two brigades at Lyons, will assemble at the camp of Chalons for 12 days under the command of General de Gallifet, and most of the other brigades of cavalry will execute evolutions during a week, and will then participate in the manoeuvres of the army corps to which they belong.

Military Order of the Loyal Legion.

At a meeting of the District Columbia Commandery, held April 3, the following candidates were elected: Lieut. Robert Frank Hill, Philip Eugene Chapin, Watson Henry Cook, and Noble Harwood Creager, U. S. V.; Brig.-Gen. Wm. Alexander Hammond, U. S. A.; Col. Wm. Butler Remey, U. S. M. C. Also (by inheritance), Mr. Charles Henry Poor, late U. S. N.

The Minnesota Commandery held the largest month meeting in its history April 3, there being present 120 comrades. The fifth anniversary of the commandery will be held on the first Wednesday in June at Minneapolis. The feature of the evening was a paper read by Capt. H. A. Castle, entitled "The Army Mule."

Over 300 members of the Loyal Legion sat at the dinner at the Gibson House, Cincinnati, April 10, given by the Ohio Commandery in honor of the Loyal Legion Congress, which began its second quadrennial session April 11. Captain C. Cadie, Jr., made the address of welcome, and Gen. Rutherford H. Hayes responded. Toasts were responded to by Gen. Jacob D. Cox, Gen. L. A. Grant, Major W. H. Lambert, Lieut.-Col. W. R. Smedberg, Major-Gen. Edward W. Hincks, Lieut. James L. High, and Senator Manderson. Letters of regret were read from President Harrison, G.

W. T. Sherman, Senator John Sherman, Secretaries Proctor, Tracy, Rusk, and Noble; Judge W. Q. Gresham, Gen. Wager Swayne, Col. J. A. Cockerill, and Gen. D. M. Doge.

PATENTS FOR MILITARY INVENTION.

A SELECTED list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL by C. A. Snow and Co., Patent Attorneys, Washington, D. C., all bearing date of April 2:

Chas. M. Rider, Newark, Ohio, breechloading fire arm. Joseph J. Speed, Waltham Cross, England, sight for fire arms.

Armand Meig, Leipzig, Germany, magazine fire arm. Lewis L. Hepburn, New Haven, Conn., magazine gun.

Frederick L. Waterous, St. Paul, Minn., boiler. Geo. W. Napier, Los Angeles, Cal., fin for vessels.

Lockwood Durand, Huntington, Conn., revolving marine battery.

Wm. Anson, Birmingham, England, breech-loading fire arm.

Daniel B. Weason, Springfield, Mass., revolving firearm. Cohn M. Thompson, Brooklyn, N. Y., rope or cable.

James B. Willis, Portsmouth, England, telegraph apparatus for ships.

Stephen Emmens, London, England, high explosive shell.

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BIRTHS.

CREE.—At Fort McHenry, Md., April 6, to the wife of Lieutenant John K. Cree, 3d Artillery, a daughter.

SEYBURN.—At Wessonside, Detroit, April 4, 1889, to the wife of Lieut. S. Y. Seyburn, Adjutant 10th Infantry, a son.

UNERROTH.—At Holmesburg, Philadelphia, April 8, to the wife of Lieutenant Preston H. Ueberoth, U. S. Revenue Marine Service, a son.

DIED.

DOWN.—At Baltimore, Md., April 4, Mrs. ANNIE McELDERY DOWN, wife of Captain John W. Down, U. S. Coast Survey, and sister of Major Henry McEllderry, Surgeon, U. S. Army.

FARRELL.—At Fort Buford, D. T., March 28, MARY A. FARRELL, the beloved wife of Post G. M. Sergeant W. H. Farrell, U. S. Army, aged 31 years and 5 months.

GROSHOLTZ.—At Philadelphia, Pa., March 30, Mrs. CHRISTINA GROSHOLTZ, mother of the wife of Major John V. Furey, U. S. Army.

HATCH.—At Fort Robinson, Neb., suddenly, April 11, Bvt. Major-General EDWARD HATCH, Colonel, 9th U. S. Cavalry.

KIDDER.—At Washington, D. C., April 8, Dr. JEROME H. KIDDER, formerly Surgeon U. S. Navy.

PATTERSON.—At Washington, D. C., April 9, Rear Admiral THOMAS H. PATTERSON, U. S. Navy, retired.

PRICE.—At Denver, Col., April 5, ROBERT N. PRICE, formerly Lieutenant, 10th U. S. Cavalry.

WALTER.—At Dayton, Ohio, March 31, 1st Lieutenant ISAAC N. WALTER, U. S. Army, retired.

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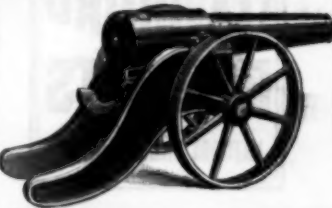
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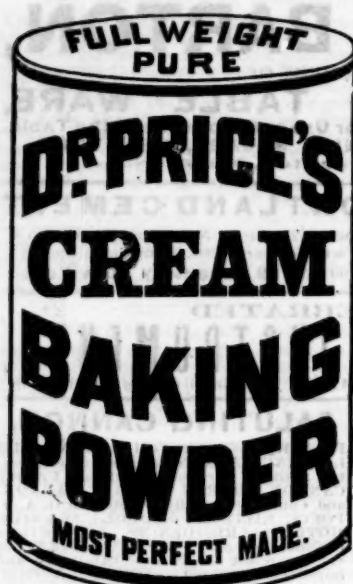
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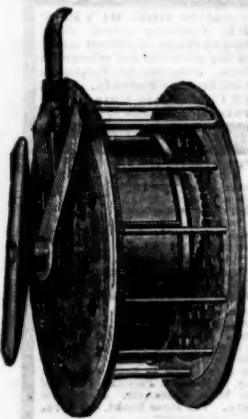
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